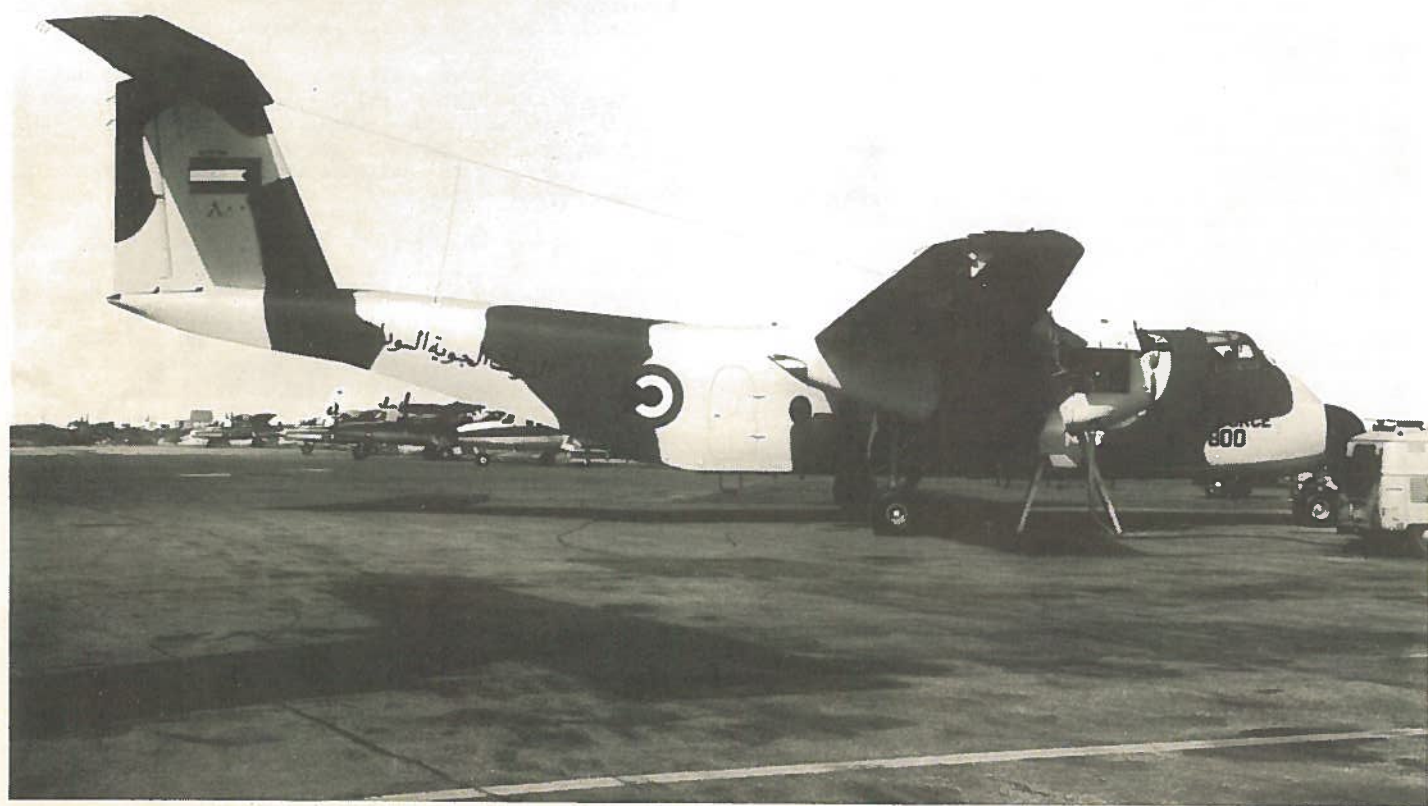


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the newsletter of the Small Air Forces Clearing House

COVER COMMENTS: Displayed on our front cover is DHC Duf-falo #800 of the Sudan AF. Colours are dark green over a sand-yellow with the camouflage extending to the under-surfaces.

TAIL PIECE: Top - Howard monoplane of Cuba's Marina de Guerra Constitucional, probably a sister ship of the ill-fated a/c discussed on page 2. (Gary Kuhn)
Bottom- The sole RCAF Barkley Grow T8P-1, #758. See letter on page 15. (Carl Vincent)

SAFCH SALES SERVICE: The following are available from the editorial office (27965 Berwick Dr., Carmel, CA 93923). All prices are in US \$ and include surface postage. Make check or IMO payable to SAFCH.

SOUTH AFRICAN AIR FORCE Decal #1 - 62 "castle" insignia plus misc. inscriptions (1/72) \$2.00

SOUTH AFRICAN AIR FORCE Decal #2 - same as above but with "leaping antelope" roundels (1/72) \$2.00

MEXICAN AIR FORCE Decals

- 72-1 MEAF P-47D in the Philippines, \$1.20
- 2 FAM F-47D in Mexico (olive green), \$1.20
- 3 FAM F-47D in Mexico (grey), \$1.20
- 4 FAM T-33As, \$1.40
- 5 FAM A-24 Dauntless, \$1.40
- 6 FAM C-47 Dakota, \$1.60
- 7 Navy Kingfisher (wheels), \$1.40
- 8 Navy Kingfisher (floats), \$1.40
- 9 FAM Kingfisher (wheels and floats), \$1.40
- 10 FAM Vampire (silver), \$1.40
- 13/14 FAM T-6 Texans (4 squadrons), \$1.40
- 48-1 MEAF P-47D in the Philippines, \$1.60

THE SAAF MUSEUM, 32 pages 8-3/4 by 6 inches, 20 photos, and histories of a/c in their collection, \$1.25

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SAFO EDITORIAL POLICY: The purpose of the SAFCH is to "promote interest in the history and modeling of the a/c of the smaller countries of the world". In support of this goal, the SAFO will publish articles on all aspects of aviation, both military and civil, from all periods of time and for all the smaller countries. (1) All manuscripts submitted by members will be published in the next available issue of the SAFO. (2) Subscription money will be used only to print and mail the SAFO; there will be no "miscellaneous" column in our budget. And, (3) members are encouraged to sponsor SAFCH memberships for organizations, libraries, and individuals, especially those in countries where US funds are difficult to obtain.

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SAFCH RESEARCH PROJECTS

SAFCH RESEARCH PROJECT #8 - AIRCRAFT OF THE CENTRAL AMERICAN REPUBLICS. Progress Report #1.

One of the most interesting museum a/c in Latin America is the "Colon," Curtiss-Wright model A-19-975, serial 19R11, preserved in the Dominican Republic. Recently, this nation's most famous airplane was moved to the new Museum of Dominican Man in Santo Domingo. It had been displayed at San Isidro air force base.

Between 12 November and 29 December 1937, the Dominican CW-19 flew 10,453 miles while visiting fourteen southern lands on a Pan-American flight called "Pro-Faro a Colon." The object was to promote a projected lighthouse (faro) to be erected at Santo Domingo in honor of Christopher Columbus (Colon). Over forty years later, funds are still solicited to complete the structure.

Three Cuban Howard high-wing monoplanes of the Armada Cubana, the Nina (serial 51), the Pinta, and the Santa Maria, accompanied the Curtiss of the Aviacion Militar Dominicana. (The Fuerza Aerea Dominicana was created on February 15, 1948.) In a tragic accident near the end of the itinerary, all three Cuban planes crashed near Bogata, Columbia. According to witnesses, the Santa Maria crashed in flames and both the other two were destroyed in separate accidents while flying low over the wreckage. The Colon, flying separately due to its higher performance, flew safely on to its destination, Panama.

Gary Kuhn, 1801 1/2 Ferry St., La Crosse, WI 54601.

SAFCH #257

(Editor's note: Gary will be in Central America during the first three months of 1980 at which time he hopes to collect material for this research project. Anyone with information or the names of contacts in Central America who would be able to assist in this project, please contact Gary directly.)

SAFCH RESEARCH PROJECT #11 - SMALL AIR FORCE POTEZ FOUGA MAGISTERS. Martti Kuivalainen, Etelaranta 4A, 96300 Rovaniemi 30, FINLAND. A complete story of the Magister in service around the world which will result in a series of articles containing text, drawings, and photos. All members with information and photos of use in this project should contact the coordinator.

Progress Report #1

Country	Total Delivered	Source
Algeria	26	F
Austria	18 (wfs)	WA
Bangladesh	6	F
Belgium	48	F
Brazil	7	SAFO
Cameroun	4	F
Columbia	4	WA
El Salvador	6	F
Finland	80	F
France	400+	F
Germany, West	250	WA
Ireland	6	F
Israel	150+	F
Lebanon	8	F
Libya	12	F
Morocco	24	F
Rwanda	3	F
Senegal	2	F
Uganda	8	F
Zaire	6	WA
Togo	5	F

F = FLIGHT INTERNATIONAL; WA = THE POCKET ENCYCLOPEDIA OF WORLD AIRCRAFT IN COLOUR: FIGHTERS, ATTACK AND TRAINING AIRCRAFT by K. Munson, Blandsford Press 1966.

AUSTRALIAN PLASTIC MODELLERS ASSOCIATION. Quarterly. Annual membership fee - \$8.00 Australian (or \$10.00 for airmail). Cheques, etc., should be drawn in favor of the Association and in Australian currency. Send to APMA, PO Box 51, Strathfield, N.S.W., 2135 Australia.

Dec 78 (32 pages) "Masters & Martinets" - conversion article. "Oz Choppers" - Bell 206 & UN Iroquois, "Siskin III and IIIDC" - conversion article, "Gulfair's Prop Jobs". "French Missiles" Drawings for FAA Corsair, Hungarian Fw-190, Polish Caudron C.714, & Bulgarian Bf-109G.

Mar 79 (28 pages) "Quantas, The Aircraft: 4" - Bristol Fighter conversions. Drawings of 2 RAAF Kittyhawks; 3 Papuan C-47; RAAF, Philippine, & RCAF P-51Ds.

(Editor's note: This is the best magazine for the modeller that I've seen in a long time. Good balance among a/c, tanks, figures, and ships. Excellent series on modeling hints. The conversion articles are outstanding. And, everything is written in an intelligent and interesting style.)

ASA NEWSLETTER (PO Box 1413, Alberton, 1450, South Africa) Civil and Military News and Registration Review in each 24 page issue.

Dec 78 Photos: DC-4 9Q-CAN, King Air ZS-XGD, Aero Commander ZS-CAT, DC-3 N8049, Beaver ZS-CAJ, Seneca TR-LQO, Turbo Commander 7Q-YLL. History of Aviation in Zambia 1965-Current. Insignia of African Air Forces #17 Upper Volta.

Jan 79 Photos: B.707 ZS-SAB; SAAF AT-6 7549, Alouette III 637; Atlas C4M Kudu 961; DC-6 5N-APK; F.28 3D-ALH; B.720 TF-VLC. Force Aeriennne Gabonaise. Insignia of African Air Forces #18 Mauritania.

Feb 79 Photos: Convair 440 A2-ABM, Navajo ZS-JNR, Nigerian AF Bulldog, Cessna 206 A2-ABN, Airbus SU-AZY, B.707 ZS-SAA, Cessna 320 5Y-AJV, DC-6 5N-APK. Zambian Air Force. Airbus Survey.

Mar 79 Photos: Shrike Commander VP-WGQ, Viscount 3D-ACN, DC-4 9Q-CAQ, Seminole ZS-KHO, Gulfstream II N24DS, Cessna Stationair 9Q-CTU, Mooney 201 N20LYM, JetStar N7782. Cameroon Air Force. Terror Aviation in Rhodesia (Shooting down of the Air Rhodesia Viscount).

Apr 79 Photos: Navajo A2-CAM, B.707 5Y-BBJ, Islander 5Y-AYE, P.688 5Y-BBF, F.27 5Y-BBS, C.440 A2-ABH, Shrike Commander C9-AOI. Force Aeriennne de Haute Volta. Aeronautica Macchi MB-326.

May 79 Photos: Zaire AF C-130; DC-3 N99210, N6907, & ZS-KEX; P.688 60-SBB & 5Y-BAD; DC-8 N8033U, B.737 EC-AIC. Spy in the Sky (US aerial snooping in South Africa).

FLYVEHISTORISK TIDSSKRIFT. Quarterly. Sankt Markus Alle 13.4, 1922 Copenhagen, Denmark.

4 78 (12 pages) "Wright - maskiner i Danmark", "Et flyvemuseum pa Klovermarken".

1 79 (12 pages) "Udfasningen af C-54" - photos abd history of RDAF C-54's. "Da flyvemasknen kom til Ringsted", "OY-ADM" - photos and history of KZ-IIT c/n 113. **IPMS-MAGAZINE.** Semimonthly, 16 pages. 16 Maria Thersa Close, New Malden, Surrey KT3 5ET, England.

Sep/Oct 78. Nothing of small air force interest.

Nov/Dec 78. "The Merlin Engined Seafires in FAA Service"

Jan/Feb 79. "The Merlin Engined Seafires", "Mirage F.1 in Close-Up", "The Setting of the Rising Sun" - drawings of surrender a/c: A6M2, G4M1, Ki46, MC20-11, K6K2-L (Dutch/Indonesian), & Ki54.

Mar/Apr 79. "Spanish Civil War Republican Bombers" - one page of drawings with side views of Republican SB-2, Potez 54, Northrop Gamma, and Fokker VII/3M.

May/Jun 79. "White Machines in Red Hands" - one page of drawings of WWI a/c in Soviet service; Nieuport 17, SE 5A, Fokker D.7, Sopwith Triplane, & Spad 13, "Hellenic Spit" - drawing of Spitfire IX in Greek Military Museum.

J.P. 4. Monthly. CP 1550, 50100 Firenze, Italy.

Oct 78 (72 pages). Photos: Argentine SH-3D, Peru SH-3D, Togo Gulfstream II, Cameroon C-130, Botswana Defender. "NATO Tiger Meet 1978" - photos: Portugal G-91R, Austrian SAAB 105. "La Legione Condor" - photos:

Bf-109, Ju-52, He-51, He-70, Do-17, He-111. Modeling the Tojo.

Nov 78 (88 pages). Photos: Portugal G-91R, Turkey AB 47G, Swiss F-5E, UAE B.707, E. German L-39, Philippine Albatros, Pakistan C-130, Belgium tiger-stripe F-104. "Farnborough '78". "Fiat CR 42DB" - photos and drawings. Modeling the MB 326.

Dec 78 (88 pages). Photos: Polish An-2; Italy P.166, S.208, & C-47; S. Korea F-5E; Belgium Falcon 20 & S-58. "32° Stormo" - photos of G-91Y. "La Legione Condor" - photos: Bf-109, Ju-87, W.34, Bu-133, He-51, Do-17. Modeling the Magister - color drawings of a/c from Austria, Belgium, Israel, France, Algeria, Ireland.

Jan 79 (88 Pages). Photos: Czech L-39, Oman Falcon 20, Dubai Falcon 20, Indian Caribou, Swiss F-5E. "G.22 da un VTOL ad un CTOL" - photos Italy, Dubai, & Argentina. "Blackbird" - SR-71. Modeling C-47.

Feb 79 (72 pages). Photos: Spain Ju-52, CL-215, Do-27; Ethiopian F-5; Danish T-17. "Una Liberatore Italiano" - drawing of B-24 in Italian markings.

Mar 79 (72 pages). Photos: Morocco CH-47, Togo Buffalo, Portugal C-130, Ethiopian Cambera, Iran CH-47, Sweden Viggen. "Addio C-119" - photos.

KIT. Quarterly. Avenue Gounod 87, 1070 Bruxelles, Belgium.

#30 "Belgium S-58" - 7 pages text, 10 pages drawings, 17 photos. "L'Aviation Belgi: Essai Bibliographique". "Belgium Scouts in WWI" - drawings of Hanriot HD.1, Nieuport 11 & 17, Sopwith Pup & Camel. "Portugese T-6" - 2 pages of drawings.

#31 "Belgium F-84E" - 9 pages of text, 4 pages of drawings, 13 photos. "Belgium Tiger Stripe F-104" - 4 photos.

IPMS-MALLARI

#27 All USN F-14 issue.

#28 KV-1C in Finnish Army. Tanks but interesting.

#29-30 Soviet MiG-23s in Finland.

OFH NACHRICHTEN. Quarterly. Kannegasse 415, A-1150, Wien/Vienna, Austria.

4/78 "Etrich III - Mowe 1918" - drawing. "SAAB 105OE" - 4 pages text, 6 pages of drawings, photos.

1/79 "Job 5/15" - 6 pages text, 3 pages of drawings, photos. "Hophner HR 14/34" - 4 pages of text, 2 pages of drawings, photos. "Austrian S-55" - 2 pages text, 3 pages of drawings, photos. Drawings of Austrian Aviatik D.I, Hansa-Brandenburg C.1, and Piper PA18.

Special #1. Austrian Airlines - text, drawings, and photos of all a/c (Viscount, Caravelle, DC-3, HS-748, B.707, & DC-9).

2/79 "Pischof-Autoplan" - 4 pages of text plus 1/72 scale drawing of 1910 a/c, "Austrian Skyvan" - one page of text, 5 pages of 1/72 scale drawings, and 2 photos. **PRI-FLY.** Quarterly. 5001 Seminary Rd. #802, Alexandria, VA 22311: \$4.50 US, \$5.50 other.

#29 "NATO T-33's" - drawings of Dutch, Danish, & W. German a/c.

#30 Nothing of small air force interest. **RANDOM THOUGHTS.** Monthly but going semimonthly. Box 626, Stn. B, Ottawa, Ontario, K1P 5P7, Canada. \$7 US \$8 other. May 78. "RCAF Percival" - 3 photos. "Royal Hungarian AF Bu 131" - drawing & photo.

Jun 78. "Canso Schemes & Markings" - 3 pages of drawings and 3 photos.

Jul 78. "RCAF Argus" - 1/4 page of drawings. "Dominican Beaufighter X" - 1/4 page of drawings.

Aug 78. "RCAF Anson III & IV" - 6 photos. "Swedish He 115 and Hunters" - 1 page of drawings for each.

Sep/Oct 78. "RCAF Lysander and Spitfire" - 1 page of drawings. "Tupolev Tu-2" - 1/72-scale drawings, 4 side views including a Bulgarian and a Polish a/c. "RCAF Golden Hawks" - 6 pages of drawings, photos, and details. "CF-104" - 4 pages of photos and details.

Nov/Dec 78. "Canadair CF-116" - 12 pages of text, drawings, photos, & interior detail of CAF CF-5A/D, including color schemes for CAF "aggressors", "RSAF Gladiator" - one page with 4 side views, "West German Sea King" - one page of part & stbd. view of 89+62.

FORCA AEREA PORTUGUESA

RESEARCH PROJECT #10

Mick Burton
19, Adolphus Road,
Finsbury Park, Hackney,
London, N.4., ENGLAND

The Forca Aerea Portuguesa was formed on 1 October 1916 when the Escola Militar de Aeronautica (Military Aeronautics School) was established with Farman biplanes, Caudron G.IIIIs, a 'Longhorn' and a Deperdussin.

In the succeeding sixty-three years Portugal has used no less than ninety different types of aircraft in her air force and over thirty in her navy, originating from most of the aircraft manufacturers of the Western World. A full listing appears later.

Up until the Second World War Portugal's air arms did not expand with any regularity and uniformity, using small numbers of Breguets, Avros, Moraine Saulniers, Potez and de Havilland aircraft. In 1937 Germany successfully sold Portugal a number of Junkers Ju 52s and Ju 86Ks, her first transport and heavy bomber aircraft, respectively. Italy's Caproni Ca 101 lost out to de Havilland's 'Tiger Moth' for the military trainer role, but by way of consolation, Italy supplied ten Breda Ba 65 attack-trainers, but these were soon destroyed in a storm - much to the pilots' relief because they were heartily disliked.

During World War Two Portugal (who stayed neutral during the conflict) received many aircraft from Britain. She was the first foreign country to operate the 'Spitfire', Mk. I, II and V being supplied. Other British aircraft were 'Blenhiem' Mk.4s and Mk.5s, 'Mohawk' Mk.4s, 'Master' Mk.2 and 3, 'Lysander' Mk.3As, and 'Martinets'. A number of aircraft were impounded after forced landings on Portuguese territory; a Focke Wulf FW 200, 'Wellington', 'Swordfish' and a 'Sunderland', but none were ever used. During the Allied landings in North Africa a number of USAAF P-39Ds and two P-38Fs were impressed into Portuguese Air Force service after landing in Portugal by mistake. These were coded "OK", probably to signify 'their American origin! Consolidated B-24 'Liberators' were also used.

The Navy also received impounded aircraft during the war. A 'Beaufighter' and a 'Sunderland' Mk.3, ex-W6065 of 95 Sqn. RAF. After the war the Portuguese Navy received a number of 'Blenhiem' Mk.5s, Curtiss SB2C-5 Hell-divers', 'Beaufighter' Mk.10s, AT-11s, SNB-5s and SNJ-4s. The 'Helldivers' were supplied under the Mutual Defense Aid Programme when Portugal joined NATO in 1949.

The first jet propelled equipment of the Portuguese Air Force were Lockheed T-33s and two de Havilland 'Vampire' T.11s purchased to evaluate against the T-33s. The first jet combat aircraft were Republic F-84Gs, which arrived between 1952 and 1955. Some were ex-Dutch machines. Other jets purchased at around this time were F-86F and 'Sabre' Mk.6s, Cessna T-37s and a single 'Jet Provost' T.2 which was evaluated against the T-37. The 'Sabre' Mk.6s were ex-Luftwaffe aircraft, fifty being purchased but only fifteen being flown. Some F-86Fs were ex-Norwegian machines. Ex-West German Fiat G.91, forty in number, were also delivered, and have seen great success in Portugal's African colonies.

Various transport aircraft have been used since 1946: Junkers Ju 52, Douglas C-47, Beech C-45, Lockheed C-130 'Hercules', Amiot AAC.1, CASA C.212, Nord 'Noratlas', Douglas C-54, DC-6 and Dornier Do 27. Portugal's geographical position in NATO has dictated that she have air-sea rescue services. To do this Portugal has operated Lockheed 'Harpoons' (ex-Royal Netherlands Navy and ex-Aeronavale), Grumman SA-16, Boeing SB-17G, Douglas SC-54 and Lockheed P-2E 'Neptunes'.

Portugal's helicopter inventory has included a large number of 'Alouette' IIIs, three Sikorsky UH-19s, 'Alouette' IIs and recently the SA.330H 'Puma'.

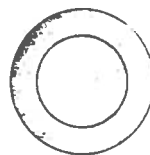
The Forca Aerea Portuguesa's only supersonic equipment at the moment is six Northrop T-38A 'Talons', used pending delivery of F-5E 'Tigers'. These and the Lockheed C-130H 'Hercules' are the most recent additions to Portuga's air armoury.

At the present time Portugal's air force is going through a period of uncertainty. All their main combat aircraft are nearing the end of their service life. The Northrop F-5E will replace the G.91R and F-86 this year, but the 'Chipmunk', 'Neptune', T-6G, 'Super Cub', C-45, C-47, 'Noratlas' and C-54 will all require replacement during the early 1980s.

This is only a potted history of the Portuguese Air Force but further reading can be obtained in Flying Review International, April 1970, Aviation News Vol. 4 No. 6 and J.M. Andrade's book SPANISH AND PORTUGUESE MILITARY AVIATION, published by Midland Counties.

PORTUGUESE NATIONAL INSIGNIA

1. Very early Portuguese roundel. Red outer ring and green inner. Green portion is 5/8ths the diameter.
2. Early 'Cross of Christ'. Red cross on white circle. On Portuguese Navy aircraft of World War Two, the white circle was often omitted. Air Force aircraft rarely displayed the cross without the background, but 'Blenhiems', 'Hurricanes' and 'Spitfires' sometimes carried just a red cross on their fuselage.
3. The current national marking. Worn USAF-style on the wings with the aircraft's serial opposing, and on the rear fuselage. Fiat G.91Rs based in Africa sometimes carried a miniature marking in the four positions. On white-finished aircraft (T-38A, Auster D.5, Cessna 210, C-47, P-2E, C-54, Boeing 707) the roundel has a dark blue ring around it.
4. The current (from 1940) fin flash. The depth is 2/3rds the total length. The green leading edge is 2/5ths the total length. The remainder of the flash is red. Pre-1940 aircraft and all naval aircraft wore a rudder flash of equal portions of green and red, with green leading. Navy 'Beaufighters' often carried both a rudder and a fin flash.
5. The Portuguese coat of arms carried on all aircraft up to 1945, worn centrally over the division of the colours on the tail flash. Centre portion white and red, castles and armillary yellow, with orange and brown shading.



1.



2.



3.



4.



5.

FORÇA AEREA PORTUGUESA AIRCRAFT AND SERIALS

AIRCRAFT	NUMBER USED	REPRESENTATIVE SERIAL OR BLOCK	AIRCRAFT	NUMBER USED	REPRESENTATIVE SERIAL OR BLOCK
Deperdussin Type B	1	?	Lockheed PV-2 'Harpoon'	42	4601-4642
Maurice Farman MF.11	2	MF.1, MF.2	North American F-85F 'Sabre'	50	5302-5350
Farman F.41	5	?	Canadair 'Sabre' Mk.6	15	5351-5365
Caudron G.III	56	3	Sud Aviation 'Alouette' II	7	9201-9207
Morane Saulnier Type H	1	?	Sud Aviation 'Alouette' III	250+	9221-9299
Farman F.40	3	F.1-F.3			9300-9400
Caudron G.IV	9	?	Fiat G.91R	60(?)	5401-5460
Nieuport 11, 12, 17	?	?	Nord 2501D 'Naratlas'	30	6402-6430
SPAD S.13	5	12	Aerospatiale/Westland 'Puma'	12	9501-9512
Breguet 14A-2	28	?	Douglas A-26B 'Invader'	7	7101-7107
Avro 'Airdisco'	1	?	Boeing 707-3F5C	3	8801-8803
Salmon 2A2	?	?	Fiat G.91T-3	6	1801-1806
Martynside F.4 'Buzzard'	4	?	Northrop T-38A 'Talon'	6	Mone
Vickers 'Valparaiso' Mks.I, II, III	27	201-210	Lockheed C-130H 'Hercules'	2	6901-6902
Avro 504K	27	?	Consolidated B-24J 'Liberator'	2	L5-L6
Fairey IIID	1	?	Cessna T-37C	30	2401-2430
Caudron C.59	1	?	Cessna C.210	1	3166
Potez 25 'Bidon'	31	6	Max Holste 'Broussard'	4	3301-3304
Junkers W34L	1	?	Dornier Do 27A/B/Q	144	3321-3375
Junkers A50 'Junior'	1	?			3401-3440
Morane Saulnier MS.233	16	194			3451-3499
Caproni Ca 100	1	500	Auster D.4, D.5	90	3501-3590
Caproni Ca 113	1	?	Piper 'Cherokee'	4	3601-3604
de Havilland 'Tiger Moth'	121	111-149	Cessna C.185A 'Skywagon'	2	3621-3622
Hawker 'Fury' Mk.I	3	50-52	Cessna F.337	32	3701-3732
Blackburn B.2 (?)	?	?	Lockheed P-2E 'Neptune'	12	4701-4712
Avro 626 'Tudor'	31	150-161	Hunting 'Jet Provost' T.2	1	5803
Hawker 'Hind'	4	407	CASA C.212 'Aviocae'	24	6501-6524
de Havilland 'Dragon'	3	504-506	Douglas DC-6A/B	10	6701-6710
Junkers Ju 52/3	10	101-110			
Amiot AAC.1 'Toucan'	13	6313-6325	AVIACAO NAVAL PORTUGUESA AIRCRAFT AND SERIALS		
Junkers Ju 86K-6	10	251			
Gloster 'Gladiator' Mk.II	30	450-479	FBA Type B	3	2
Breda Ba 65	10	551-560	Donnet-Denhaut DD.8	3	?
Curtiss 'Mohawk' Mk.IV	12	480-491	Georges-Levy 40 HB2	2	?
Airspeed 'Oxford' Mk.I	12(?)	492-499	Tellier T.3	8	?
		502, 503	Felixstowe F.3	2	?
Miles 'Magister' Mk.I	4	191-198	Curtiss HS-2L	4	?
Miles 'Master' Mks.II, III	12(?)	411-418	Fairey IIID	4	?
Miles 'Marinet' Mk.I	5(?)	437	Avro 504K	3	?
Bell P-39D 'Aircobra'	18+	302-311	Fokker T.3W	4	?
Lockheed P-38F 'Lightning'	2	300-301	Hanriot H.41	6	?
Hawker 'Hurricane' Mks.IIB, IIC	115+	511-550	Dornier 'Wal' (Fiat built)	1	?
Supermarine 'Spitfire' Mk.IA	?	385	CAMS 37A	8	?
Supermarine 'Spitfire' Mk.II	?	?	Macchi M.18	6	?
Supermarine 'Spitfire' Mk.VB	50+	370	de Havilland 'Gypsy Moth' (floats)	4	?
Westland 'Lysander' Mk.IIIA	9	361	Junkers K.43W	5	?
Bristol 'Blenhiem' Mk.IV	8	262	Fleet 10, 11	31	?
Consolidated B-24D 'Liberator'	1	L1	Blackburn 'Shark' Mk.IIA	6	74
Consolidated 'Liberator' Mk.I	3	L2-L4	Hawker 'Osprey' Mk.III	8	?
Lockheed 'Hudson' Mk.IIIA	2(?)	H1	General Aircraft 'Monospar' (?)	?	?
Avro 'Anson' Mk.I	10+	2201-2215	Avro 626 'Tudor'	12	?
Boeing SB-17G 'Flying Fortress'	5	7401-7405	Grumman 'Goose'	12	?
Douglas SC-54D/HC-54D 'Skymaster'	14	7501-7514	Short 'Sunderland' Mk.III	1	?
Douglas C-47A/B/D 'Dakota'	76+	6101-6176	Grumman 'Widgeon'	12	W125
de Havilland 'Dragon Rapode'	1	2307	Miles 'Martinet' Mk.I	?	?
North American T-6G, AT-6D, SNJ-4	150+	1701-1799	Airspeed 'Oxford' Mk.II	11	I?
North American 'Harvard' Mks.II, III	73	1501-1559	de Havilland 'Tiger Moth'	20	T?
		1654-1668	Bristol 'Blenhiem' Mk.IVF	12	B8
de Havilland Canada 'Chipmunk' T.10	76	1301-1376	Bristol 'Beaufighter' Mk.X	17	BF10
Republic F-47D 'Thunderbolt'	50	4401-4450	Beechcraft SNB-5	?	BC?
Beech C-45, D18S	14	2506, 2507	Beechcraft T-11 'Kansan'	8(?)	BC?
		2509-2520	North American SNJ-5 'Texan'	?	I4
Beechcraft 'Expeditior' Mk.3T	5	2521-2525	Curtiss SB2C-5 'Helldiver'	12(?)	AS14
Beechcraft AT-11 'Kansan'	6	2502-2502			
de Havilland 'Vampire' T.11	2	5801-5802			
Republic F-84G 'Thunderjet'	150+	5101-5219			
Grumman 'Widgeon'	12	?			
Douglas C-54 'Skymaster'	8	6601-6608			
Lockheed T-33A	29	1901-1925			
		1951-1955			
Lockheed RT-33A	1	1916			
Piper L-21 'Super Cub'	26	3201-3226			
Grumman HU-16A 'Albatros'	3	7101-7103			
Sikorsky UH-19 'Chichasaw'	3	9101-9103			

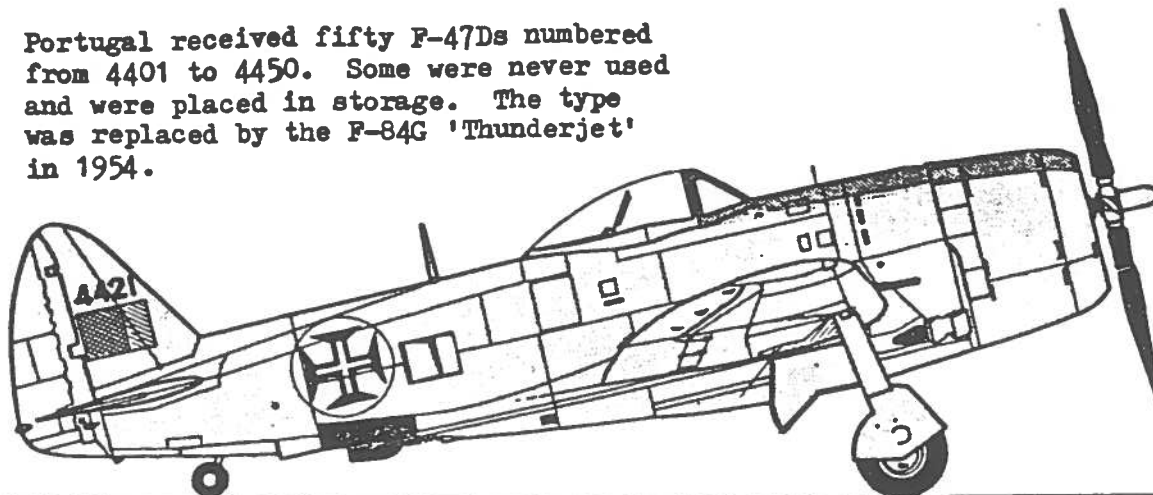
The current four-digit serial system has been in use since 1952 when the air force and navy merged their air services into the Força Aerea Portuguesa. The first number indicates the aircraft class (i.e., 5 for fighters and fighter-trainers), the second number shows the type of aircraft and the last two numbers denotes the machine. The pre-1952 serials had three digits, and were allocated to each batch of aircraft as they were purchased (i.e., the first aircraft was 101, a Ju 52). Naval aircraft had a letter prefix indicating the role of the aircraft with a number following (i.e., AS for antisubmarine).

REPUBLIC F-47D THUNDERBOLT

FORÇA AÉREA PORTUGUESA

MICK BURTON
(SAFCH 303)

Portugal received fifty F-47Ds numbered from 4401 to 4450. Some were never used and were placed in storage. The type was replaced by the F-84G 'Thunderjet' in 1954.

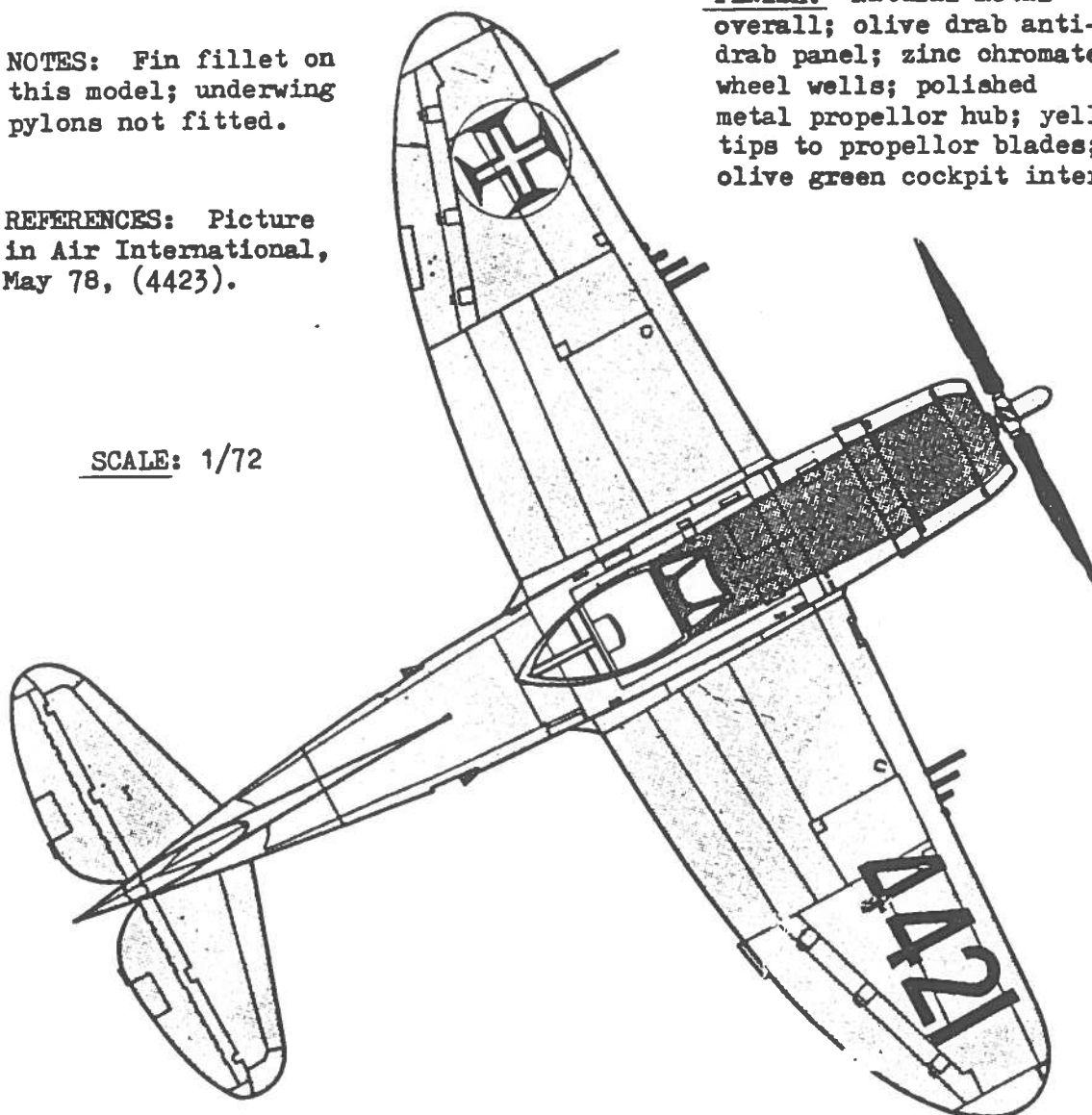


NOTES: Fin fillet on this model; underwing pylons not fitted.

REFERENCES: Picture in Air International, May 78, (4423).

SCALE: 1/72

FINISH: Natural metal overall; olive drab anti-drab panel; zinc chromate wheel wells; polished metal propellor hub; yellow tips to propellor blades; olive green cockpit interior.



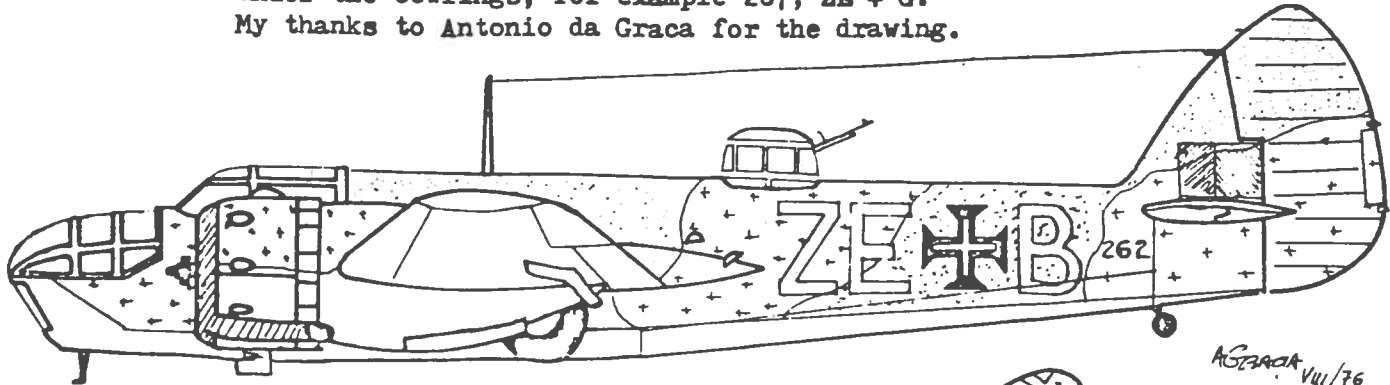
rab

BRISTOL BLENHEIM MK. 4L

FORÇA AEREA PORTUGUESA

Portugal received at least twenty Mk.4Ls and three Mk.5s, from RAF sources in 1943. Later, the Aviação Naval Mk.4Fs were also taken on charge. Neither the nose turret nor ventral gun pack were fitted, and some aircraft did not have the Vokes air filter under the cowlings, for example 267, ZE + G.

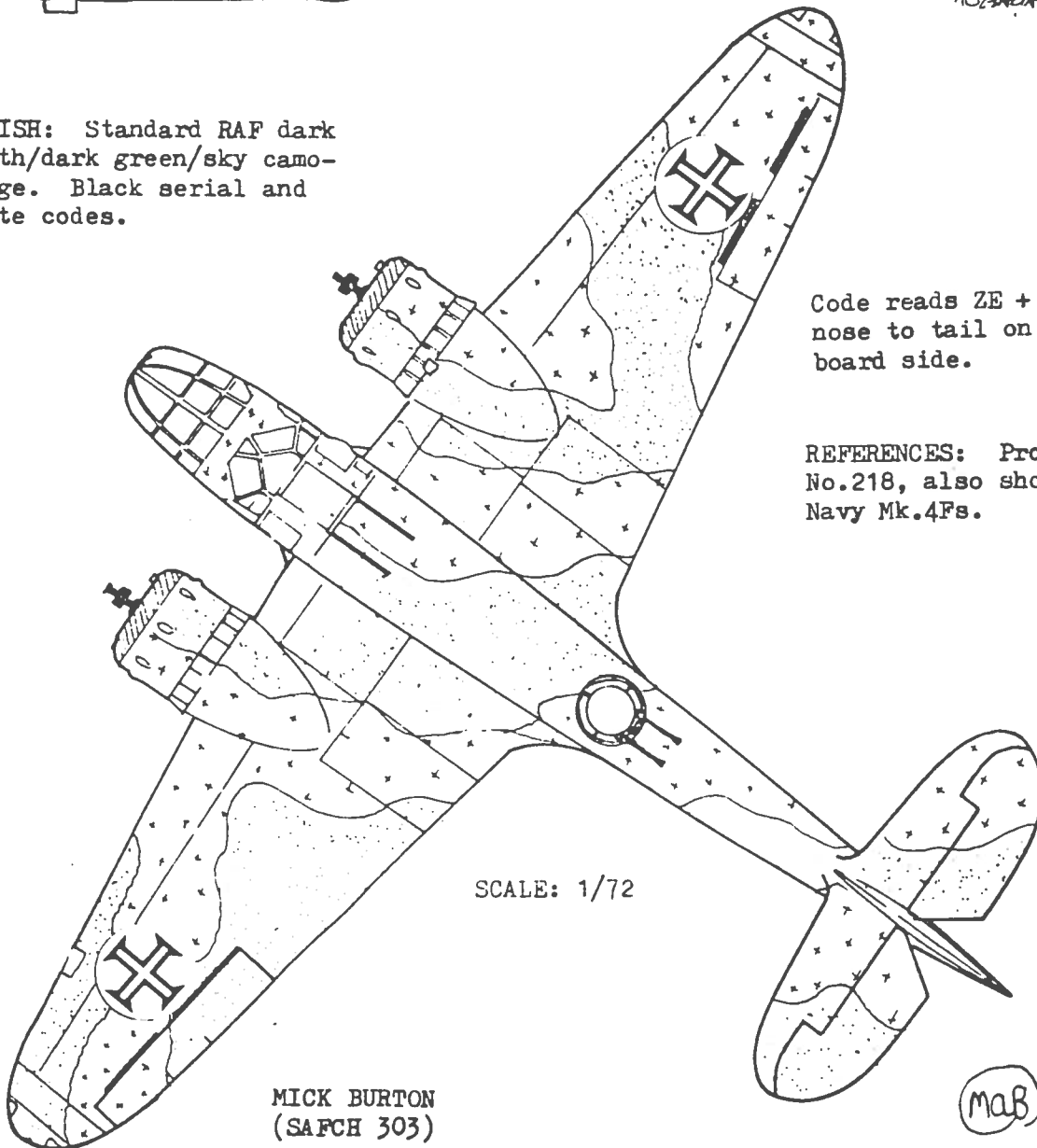
My thanks to Antonio da Graca for the drawing.



FINISH: Standard RAF dark earth/dark green/sky camouflage. Black serial and white codes.

Code reads ZE + B from nose to tail on star-board side.

REFERENCES: Profile No.218, also shows Navy Mk.4Fs.



SCALE: 1/72

MICK BURTON
(SAFCH 303)

I'd suggest you roam through your issues of AVIATION JOURNAL and KOKU-FAN from reference photos for either kit. Better still, obtain the KOKU-FAN Special Number 91, November 1977 on the T-2/F-1. It has about all you will need for these models. If you're not into trying to match colors, try the following for the F-1 camouflage: Dark green (FS 34092); Bright green (FS 34108); Light tan (FS 33617). These are the colors I compromised on after looking through as many color photos as I had of the production aircraft. There are no paints available that will match these FS numbers straight from the bottle/tin -- you'll have to mix them. Since my mixes weren't very exact, I won't give them here. But most commercial modeler's paints weren't very close, in my opinion, so any mix you make has to be better. The T-2's seem to be close to gloss "Gull Grey", the US Navy/Marines color. In fact someone told me the T-2's are the same color -- so right or wrong, it appears to be a good choice. In that case, you can use the new Replicolor FS 36440 straight from the bottle.

Review by Larry "Ivan" Potoski SAFCH #127

This new series from Finland further enhances the Finns well-earned reputation for publishing the best quality and most interesting photos of WWII aircraft operations. Here is the publisher's description of the first two volumes: Album 1: "More than 200 first quality photographs of about 100 different a/c types, mostly before unpublished, chosen from private collections. High quality drawings of eight a/c types. Photo texts also in English." Album 2: "Nearly 200 high quality photos, mainly unpublished before, chosen from private collections. Photo texts also in English. The main subject of book is transport and maintenance by the FAF of long-range patrols operating far behind enemy lines, a new, hitherto, unpublished sector in the operations of the FAF, here illustrated with dozens of unique photographs."

I haven't seen Album 1, but a review copy of Album 2 was kindly supplied by the publisher. Album 2 consists of a series of 'chapters' each written by different authors and each describing a different aspect of Finnish aviation covering the period from 1927 to 1944. About 20% of the space consists of text in the Finnish language, the rest consists of photos covering an amazing breadth of subjects. I found the selection of photos very interesting and I would like to review this volume by quoting some of the photo captions: "De Havilland D.H.

60X Moth, K-S+ILA, 'Iltamar', the Finnish Air Defense Alliance (FADA), was the first D.H.60X Moth bought to Finland in 1927 for which the funds were collected by a popular collection." "'Iltamar' as an object of bargaining (sic) at Keljo in the winter of 1924. Farmer Temonen wanted to buy the plane and the deal was already agreed on but fell through because the buyer demanded a tankful of fuel in addition." "The Princess of Roumania visited Turku, at the inauguration of Artukainen airport, by her private plane in the summer of 1936." (Editor's note: This a/c is an ICAR Universal YR-MAI. I would be very interested in finding out more about this flying Princess.) "'I.V.L. A.22 4F40 at the island of Puutsalo at Lake Laatokka on July 23, 1925. The crew having a swim between fighting missions." "The pilot on guard duty airing his sweaty feet." "The personnel of LeLv 28 spending their spare time at Lunkula in the autumn of 1941. The table tennis balls had been found inside the wings of the Brewster." (Editor's note: The Finnish Buffalo were originally built for the US Navy and I remember seeing somewhere that the wings were filled with ping-pong balls to provide flotation in the event of a forced landing at sea.) "2/LeLv 28, MS-316, piloted by sgt. P. Piispa turned over completely when landing at the Latva airfield on May 13, 1942. Sgt. Piispa wasn't injured but he was taken to a medical examination however. The doctor was told the man was shaken up. As the Finnish word for 'shakenup' in slang means 'dotty, out of one's senses', the doctor misunderstood the case and, thinking the man had gone mad, sent him to the mental hospital at Petroskoi." A few pages later, this story is brought to a happy ending: "The pilot comrades of sgt. Piispa visited him at the mental hospital. Piispa asked them: 'Get me away from here! I'm all right. All the others are mad.' Before long he was found to be well and he was released." "The runway is being rolled by a roller pulled by a four-horse team." "Lieut. Aulis Vehniainen and leader Into Kusismanen at a boxing match at OsKu's veranda. Lieut. Vehniainen had mishandled a military official at a 'Sunrise party' and as a punishment the commander had challenged him to a boxing match. The lieutenant was floored three times before he was carried away from the ring." "Suokas' patrol on the Archangelsk-Moscow railway, 300 km behind enemy lines in the summer of 1942." "Huovinen's patrol returning from long-range mission which took them nearly 200 km behind enemy lines. The task of this 10-man patrol was to reconnoiter traffic on the Murmansk-Moscow railway and to capture a prisoner for interrogation. A Russian stationman hunting in the woods mistook them for Russian soldiers and sat down at their camp fire to have a chat. Some patrol members who could speak Russian asked him to serve as guide. When the truth finally dawned on the man he was taken prisoner. Here the men of the patrol, with the prisoner in the middle of the boat, are rowing ashore from Group Malinen's Heinkel He 59, which transported them back to base with capt. Erkki Jauri as pilot." "Savrov S-2 suited neither to transport of long-range patrols nor to their maintenance, only to be played with." I have probably put too much emphasis on photos that show people instead of a/c, but this was, for me, the main attraction of the book. Aircraft do occupy more than half the pages.

Besides the a/c specifically mentioned above, photos of the following FAF a/c are found in Album 2: Gloster Galdiator, Fiat G.50, Hurricane, Fokker F-VIIa, MS-406, DB-3 (extensive coverage), Blenheim, Do-17Z, Junkers K-43, He-115 (extensive coverage), Hover MF11, He-59, Hawk 75, Fokker C X, Fokker D XXI, Beriev MBR-2bis, and Curtiss P-40M.

Printed on high quality, glossy paper, this book is well up to the high standard we have come to expect from the Finns. The price is correspondingly high. At the time this is written (19 March '79) 58 Fmks equals \$14.60. To this must be added currency exchange fees or, if paid by cheque, \$1 to cover bank expenses. However, thanks to the generosity of the publisher, the SAFCH can offer this book to SAFO readers for \$8.50 plus postage. Postage from California will cost 66¢ but the cost of postage from Finland to California will depend on how many copies

If you already own the first edition, it would not be "cost effective" to purchase this edition unless you can con a friend into purchasing your first edition. However, if you missed this book the first time around and are interested in antipodean aviation, this book can be unreservedly recommended. SAFCH members can obtain a 10% discount if they order from Kookaburra Technical Publications, US East Coast Branch, c/o Jim Haycraft, 214 Kenmark Dr., Newark, DE 19713. Add 8% for postage. Review copy courtesy of Jim Haycraft, SAFCH #192.

The text is supported by 32 pages of photos, most of which are new to this reviewer. Of particular interest are the photos of a/c from the War of Independence, e.g., Taylorcraft, RWD-8 (mistakenly identified as a RWD-13), Auster APO 5, Dragon Rapide, Bonanza, Seabee, Anson, Widgeon, Commando. DC-5, Beaufighter. C-54, and Norse-

If you like this book as much as I do, please write Ray and tell him so. Maybe if enough of us write Ray and mention the SAFCH, he'll include some small air force subjects in his future Specials.

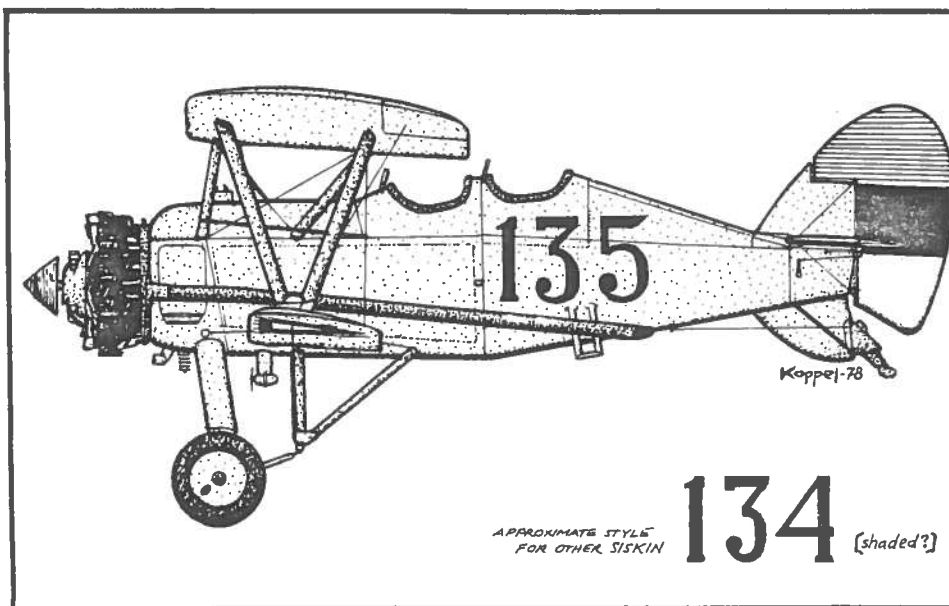
The "text" includes technical data on all variants that is detailed for the Russian versions, somewhat less detailed for the Polish-produced version, and nil for the Chinese T-4. The final 7 pages consist of a critical review of available kits, details on converting the kits to a Fresco C, and a review of available decal sheets.

SAFO October 1979

ESTONIAN AIR FORCE (Eesti Lennuvägi)

Armstrong Part 3 Whitworth **SISKIN** IIC

PART 3 was originally intended to cover the E.A.F. DH-9s; but as that research has proved rather extensive (and Colin Owens has meanwhile provided an interesting sample in **SAFO#11**), we will continue with various other types before returning with full coverage of the DH-9s.

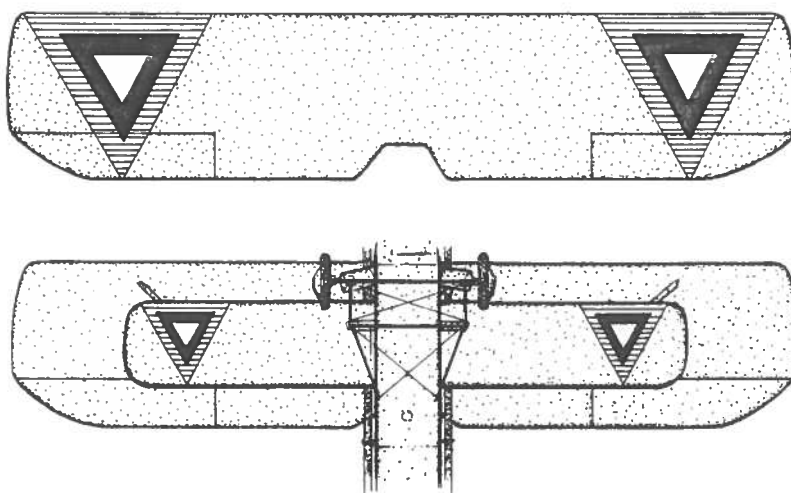


The two Estonian SISKINS, Nos 134 and 135 (constructors nos. 604 & 605) were from the group of 53 originally built as two-seaters, instead of those converted from Siskin IIIs.

They served from perhaps as early as 1930, later repaired after crashes, until the Russian occupation in June 1940. They were observed, snow-covered, at Jägala airfield near Tallinn still in 1941, undoubtedly being finally destroyed that summer by the Russians as the Germans invaded Estonia.

APPROXIMATE STYLE
FOR OTHER SISKIN
134 [shaded?]

These two aircraft appeared in the standard silver finish of the time, with the national markings in medium-blue/black/white. Apparently the struts were not painted black as on the British machines, although they could have been grey at some time. The position of the wing markings is provisional, as a published photo of "135" is rather dark; likewise, it is not certain at this time if the black fuselage numbers had the blue shadow-shading or not.



This portion of SAFCH RP#2 was produced with the assistance of F. GERDESSEN (Holland) and PAUL BRANKE (Sweden) — with special acknowledgement to ANATOL REBANE.

Reference was also made to Alfred Granger's DATA PLAN 3: The Armstrong Whitworth SISKIN.

—TED KOPPEL/safo

FUERZA AEREA BOLIVIANA

by Jorge F. Nunez Padin

Bolivia, the only country in South America without a coastline, operates one of the smallest air forces in the region. However, in recent years, thanks to money earned from oil export, the Fuerza Aerea Boliviana (FAB) has begun to modernize its equipment.

During the sixties, the FAB's only combat group was reduced to no more than 10 Mustangs (some of these were a/c modified by Cavalier in 1967) and some armed AT-6 and T-28. Rebuilding the combat effectiveness of the FAB began in the seventies with the arrival of the FAB's first jet a/c, 18 Canadair CL-30 Silver Stars and 4 F-86E Sabre Jets. Recently, a new combat group was formed on 18 Embraer-built MB-326GB Xavantes. It is expected that state-of-the-art combat a/c will soon be obtained, probably F-5E Tigers.

Rebuilding the training establishment began with the purchase of 8 Fokker S-11 (T-21) Instructors and 18 Aerotec A-122 Uirapurus, both obtained from Brazil. Also operating in the training role are 6 Cessna R172 (T-41). Sixteen Pilatus PC-7T Turbo Trainers are on order.

The principle duty of the FAB is air transport and liaison. The latest addition to the transport fleet is two C-130 Hercules and 5 IAI 201 Aravas. Other recent purchases have been 3 Convair 440s from Spain and 2 Lockheed L-188 Electras. One Beech King Air and a single Rockwell Sabre Liner serve as VIP transport. Liaison/light transport and observation tasks are conducted by a fleet consisting mainly of Cessna a/c: one Cessna 411, 1 Cessna 402, 2 Turbo Centurions, 15 Cessna 185/U-17A, and a lone Fairchild PC6H/B.

Aproximately 15 Helicopters are operational; 3 UH-23 Ravens and 12 Hughes 500M.

Following is a list of all FAB a/c with known serial numbers:

FAB 600-617 Canadair CL-30 Mk.3 Silver Star
FAB 603 was also a Hiller UH-23 Raven.
FAB 160-177 Aerotec T-23 Uirapuru
FAB 001 Rockwell Sabre Liner 60A. c/n 306-115.

Ex N2118J. Presidential transport.

FAB 260 Cessna Turbo Centurion. c/n ? , deliv. 73.12
261 " " c/n ? , " 73/12

FAB 231-233 Cessna Skywagon, deliv. 73.12

FAB 347 T-6 Texan c/n ?

TAM 12 Douglas C-47

TAM 14 "

TAM 15 "
TAM 43 Convair CV440. c/n ? , Crashed at San Ramon,
wfu.

TAM ? Convair CV440. c/n 457. Ex PP-AQ_, EC-WIG,
EC-ARO.

TAM 45 Convair CV440. c/n 444. Ex PP-AQD, EC-WTB,
EC-ATB.

TAM 52 Douglas C-54

TAM 53 Douglas C-54

TAM 77 IAI Arava. c/n ? . Crashed at Osiqua-Oruro
on 77.03.16, wfu.

TAM 90 Lockheed C-130H-LM Hercules.	c/n 4744.	77.07.18
TAM 91 Lockheed C-130H	" c/n 4459	77.10.18

Note: TAM = Transporte Aereo Militar (Military Air Transport.

DRAWINGS

1. Canadair CL-30 Silver Star Mk.3. Initially the FAB acquired 13 ex-CAF CT-113 to equip the Grupo Aereo de Caza at La Paz. The first 3 a/c, FAB 600, 601, & 602 (crewed by Major N.S. Soria, Captain F. Angulo, and Captain R. Palenque) arrived at La Paz during National Armed Forces Day, August 7, 1974. These a/c were officially received by President General Banzer on 9 August at the International Airport at El Alto. Five more Silver Stars were purchased and delivered during 1978.

Color Scheme: A/c were overall natural metal, with with the national insignia on both sides of the fuselage, upper surface of the left wing, and lower surface of the right wing. The FAB code was applied to both sides of the fuselage and to both wings. All markings, wing walk areas, antiglare panel, and wing-tip tanks (inside faces) were painted matt black. A squadron badge was carried on the tail. I need more information on these; I know that one is a black falcon with white head.

2. Noth American AT-6/T-6 Texan. The FAB received its first 15 AT-6 Texans on 42.12.02 (supplied under the U.S. Aid Program) and another 16 in 1945. These a/c were operated in training roles along with a few Vultee BT-13A Valiants and Boeing Stearman PT-17. These last two types were withdrawn from service in the sixties and replaced by newly acquired Texans. On 60.06.01, the FAB received two AT-6C Texans from Aviacion Naval Argentina and other T-6Ds from the Forca Aerea Brasileira. The a/c shown here is one of the Brazilian-built NA-119 T-6 Texans, ex Forca Aerea Brasileira.

Color scheme. Standard FAB scheme: overall grey with roundel in 4 positions.

Reference: The Bolivian T-6 by Paulo F. Laux,
Mancha Air Magazine.

3. Aerotec a-122 Uirapuru (T-23). During its program of expansion and modernization, the FAB purchased 18 primary trainers A-122 Uirapuru (T-23 is the military designation) in 1974.

Color scheme. The Uirapurus are painted in the basic overall grey with roundels in 4 positions. National flag on both sides of the rudder. Wing tips and propeller spinner are red. Marking in matt black.

Reference: A CONSTRUCAO AERONAUTICA NO BRASIL by
Roberto P. Andrade.

Jorge F. Nunez Padin, Humboldt 2763/65, Bahia Blanca,
Buenos Aires, Argentina. SAFCH #395

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Continued from page 10

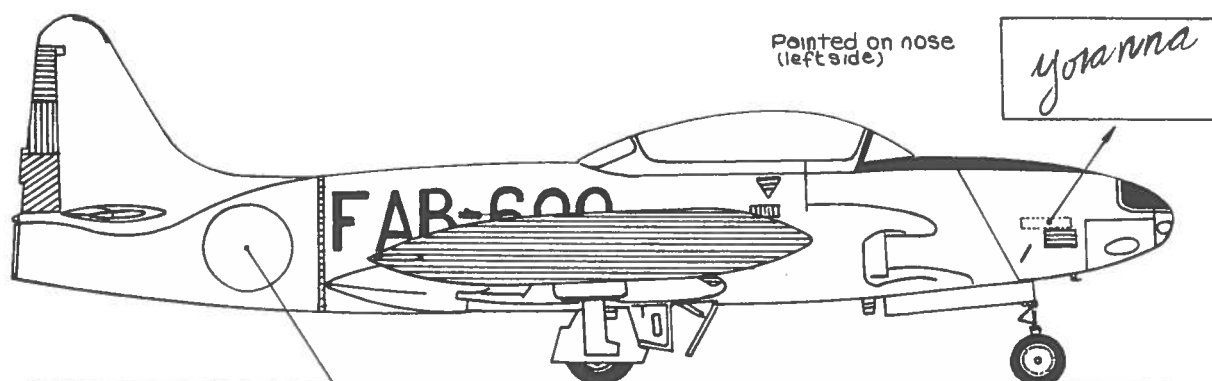
While I may disagree with the author's suggestions for correcting the kits, I cannot argue with the usefulness of this section. Included are 6 photos of completed models and a reproduction of the instruction sheet from MicroScale's sheet 72-102. These add little to the value of the book. The final page is a good bibliography of books and magazine articles to turn to for more information.

This book achieves its object rather well and anyone building a model of the MiG-17 will want this book on

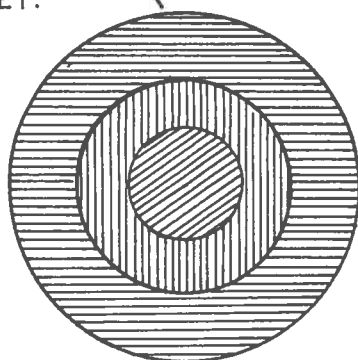
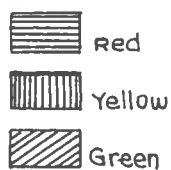
his bench. If nothing else, it will allow him to achieve the correct wing planform; something neither kit manufacturer was able to do. If not available locally, order from the publisher: Detail & Scale, PO Box 31518, El Paso, TX 79931. Add 75¢ for postage.

This is a series worth watching. Available from the same publisher is a Series III that has more pages, color photos, and cost more (\$4.50). Released so far are the F-15 and F-14, with the A-7, F-100, F-5E/F, F-16, and F-8 to follow. Review copy of the MiG-17 book courtesy of the publisher.

The FUERZA AÉREA BOLIVIANA (Bolivian Air Force)



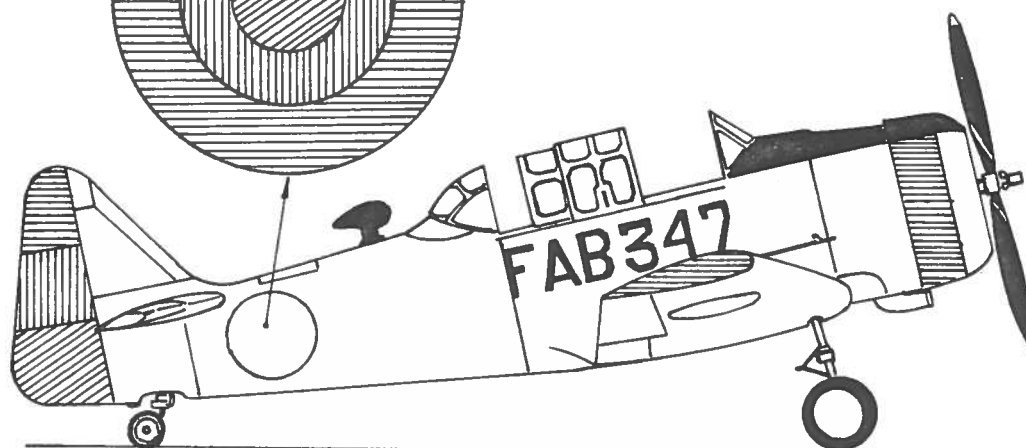
COLOUR KEY:



BOLIVIAN NATIONAL INSIGNIA

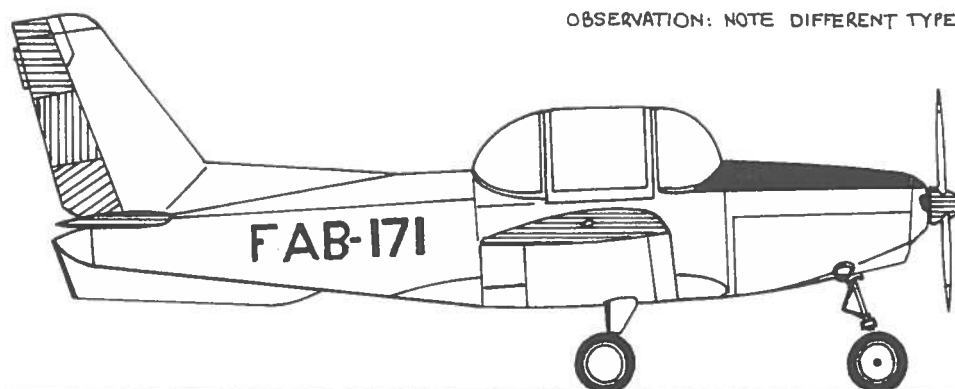
CANADAIR CL-30 Mk III (ex RCAF CT-133 433492?) LA PAZ (BOLIVIA) 74.08.09

AIRCRAFT SERVICING STENCILS MARKING SAME AS STANDARD RCAF's CT-133 SILVER STAR.



NORTH AMERICAN T6 TEXAN - DATE UNKNOWN -

OBSERVATION: NOTE DIFFERENT TYPES OF FAB'S MARKING.



AEROTEC T-23 UIRAPURU. SÃO JOSE DOS CAMPOS-SP (BRAZIL) 1974 PRIOR TO DELIVERY.

Drawings by JORGE F. NÚÑEZ - MARCH 1979

"Here are some additions and comments concerning the excellent F-80 article (SAFO #11):
BRAZIL - Serial range from 4200 to 4232. For the third scheme, FLIGHT for 8 Oct. '70 has "Last remaining F-80-4200 of the 1st/4th Fighter Aviation Group" with air-to-air shot of right side: white with red trim & blue stars on fuselage. 'F80C/4200'

COLUMBIA - If second drawing (2061) is from the photo shown, the fuselage legend should be lower and the turbine warning stripe omitted (also dark nose-tip?).

ECUADOR - Of all the Ecuadorean a/c photos checked, the only one to bare a fuselage roundel was an Army Cessna T-41. Also, in the case of the T-33s the Wing emblem was positioned on the rear fuselage while the Squadron badge was on the nose under the numbers. (Rudder stripes as for Columbia, only wider.) Of course, with the adoption of a fin-flash in place of rudder stripes on camouflaged a/c, it's possible a fuselage roundel was added, although either camouflaged a/c I've seen (HS 748 and T-34C) do not show this. At least some a/c carry the roundel on the left wing and 'FAE' on the right (or 'SAE' for Army). However, none of this proves anything about this particular F-80.

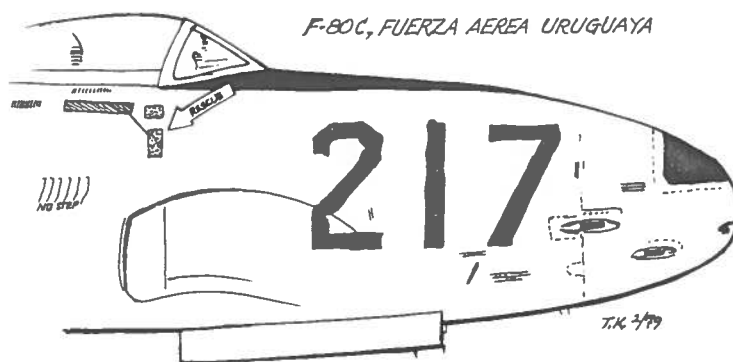
URUGUAY - Just a few days before SAFO #11 arrived, someone loaned me a rather large book on the history of the 'Fuerza Aerea Uruguaya' (published by the Government in Montevideo, 1974). Most of the photos are rather poorly reproduced, with or without retouching. Unfortunately, the only photo of an F-80 shows just the nose, as sketched herewith. This apparently is an earlier incarnation of the '217' in SAFO. The 'Rescue' arrow is in the place where the unit badge is/was/would be applied, the bottom half of the nose-tip is silver, and the numbers are thinner and rather crudely painted. The caption indicates 1957 as the year acquired, although a chronological listing for that year makes no mention of that. However, under 1958, an entry appears for 'Abril 11 ... Les primeras 5 aviones F-80C recibidos de les Estados Unidos de America, son asignados al Grupo de Aviacion No.2 (Caza).' The book does show a shot of a T-33 coded '210' (heavily retouched) while SAFO gives this as the serial of an F-80. (Other sources show T-33As '206' & '208' also carrying the unit badge in front of the cockpit. I have also found a Xerox of a photo of '217' from Green & Pellingier's THE AIRCRAFT OF THE WORLD (but apparently not the 1954 or 1956 editions), the nose of which matches my sketch. That is, the numbers are not as heavy as in the SAFO photo and drawing. The rudder insignie is of a wider, more triangular shape (as on '218' instead of drawing), and the '217' on the fin is much smaller and centered instead of the higher position of '218'. The fin tip seem to be a slightly darker color (grey?).

"The photo of the Uruguayan T-6 in SAFO #12 made me check a shot of a flight of Texans published in APORTES PARA LA HISTORIA DE LA FUERZA AREREA URUGUAYA. Although the size and form of the fuselage code differed at the

time of the undated photo, the prime difference was in the national markings on the rudder. Perhaps someone more familiar with Uruguayan insignia could explain further about the variations in the direction and width of the diagonal stripe (which apparently earlier carried a white a/c number) and the curious fact that on some photos the colors seem to be reversed. Could this be caused by the type of film used, one of which makes the diagonal stripe almost disappear while the horizontals are 'black' and the other - more common - which creates the opposite effect?"

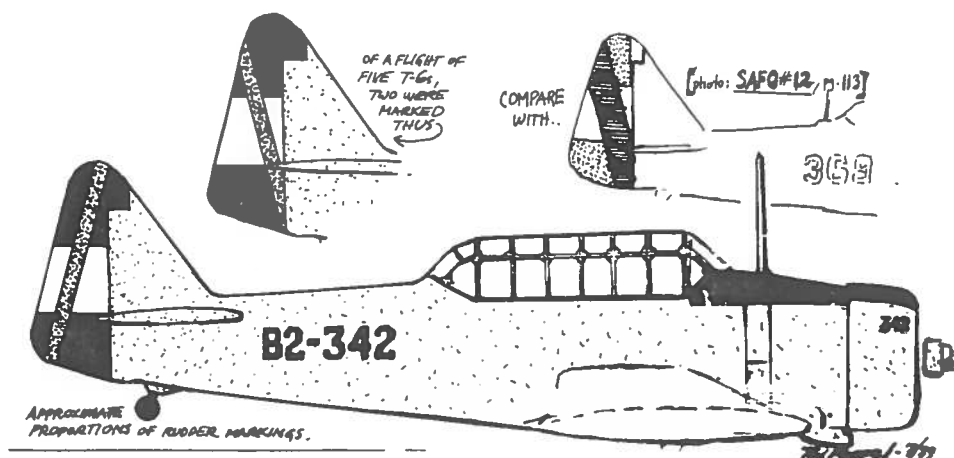
"Also nice to see Fritz Braun's series on African Insignia continuing. Shame he didn't mention the black star as an old tail marking for Ghana AF. The Gabon segemnt reminds me that I have the art ready on national insignia (a published variation to that shown), the Coat-of-Arms on VIP a/c, sketch of Hercules nose showing trim/legend -- but still have been unable to come up with a profile of a YS-11A to complete the promised corrections to the Gabon article in SAFO #7."

Ted Koppel, 133 W. Lanvale St., Baltimore, MD 21217.
(Editor's Note: If any one has a decent side view of the YS-11A, please send Ted a copy so that we can get this important material published in the SAFO.)



"I collect photographs of the aircraft of Latin American air forces and I would like to correspond with anyone with similar interests." Carlos F. Planas, Box 4444, APO New York 09132.

"I would like photos of Latin American Vampires; Honduran F-86K Sabre Dogs; Mexican Kingfishers, Thunderbolts, and AT-33s; Central American Marauders/Invaders, Texans, and Trojans. I can exchange for photos of Argentine military aircraft, e.g., F4U, F-9B, F-86F, A-4C, Walrus, Canso, and others." Jorge F. Nunez, Hunboldt 2763/65, 8000 Bahia Blanca, Argentina.



[illegible]

"145312 ... Where are you? 145312a is the bureau number of the thirteenth F4H-1 Phantom II aircraft manufactured. It would have made its first flight in about mid-1959. Navy records indicate that it was stricken from active service on 14 July 1960. For more than four years, I have been searching for a color slide of this airplane, or a color illustration from which a slide can be made.

"For those who collect color slides of aircraft, I have a standing offer: I'll provide one hundred, good quality, original Kodachrome-25 slides of military aircraft in exchange for the first slide I receive (original or duplicate) of this Phantom. Otherwise, I would be interested in borrowing, trading for, or purchasing, a slide of this airplane." Bob Dorr, 3411 Valewood Dr., Oakton, VA 22124. SAFCH #444

"WANTED DEAD OR ALIVE: Info on the Grumman F7F Tigercat. Could anyone please supply me with the history of the Grumman F7F Tigercat? I have the basic stuff, i.e., performance, number built, etc., but I'm more interested if the Tigercat saw foreign service, possibly with the Armee de l'Air. Could anyone tell me about operations in China by VMF9N-533 during WWII?" Tor A. Scott, 168 59th Ave., Chomedey, Laval, P.Q., Canada H7V 2B8. SAFCH #403.

"Last fall during my economics class, I heard a chopper buzzing around outside my school for the whole period. During lunch it was still around and I recognized it to be a Bell CH-136 Kiowa from the 430th Squadron based at nearby CFB Valcartier. In the evening, I happened to mention this to my father. He laughed and this funny story emerged.

"My father has a good friend, Paul, whose dog disappeared. Paul asked his his son, Jaques, to help. Now Jauques is a helicopter pilot in the CAF and a resourceful fellow. He knows that he has to get in a minimum number of hours piloting a helicopter each month, so he borrowed a Kiowa and flew around searching the woods around my school for his father's dog. Paul got his hours in, but he didn't find the dog. It came home by itself. Is there a moral to this story?" Tor A. Scott. SAFCH #403.

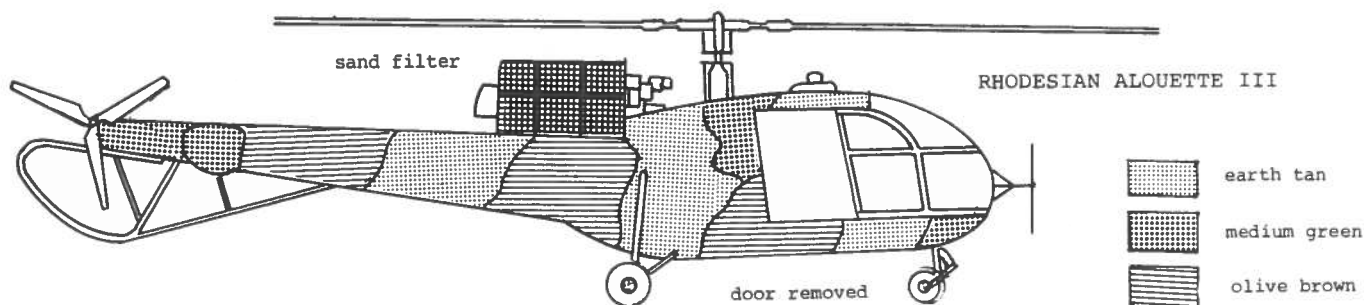
"INFORMATION WANTED for colors (including interior) and markings of Dornier Do-24 in following schemes: French Navy, Netherlands, East Indies Air Force, and RAAF." R.M. Goldman, 314 Central Ave., Orange, NJ 07050. SAFCH #89

"I recently picked up two books from a second hand book shop in London. In these books I've come across some interesting items. During the Hungarian Uprising in the mid-Fifties, the Hungarian Air Force flew against the Soviet forces. They painted over the red star insignia of their MiG-15's and painted green-white-red bands around the fuselage for identification. It is also possible that the wings had bands painted on them. In the other book, there are a couple of black & white photos of the two B-26 Invaders that made up the Biafra A. F. They had some sort of dark camouflage on top, light grey on bottom with the Biafra flag on the tail. I will try to find out more about the B-26's as to actual color schemes. Just thought the information would be of some use."

John Grier (SAFCH #251)

"I recently came across some information on Rhodesian aircraft and camouflage. (1) A photo of an Alouette III helicopter appeared in a recent issue of NEWSWEEK magazine. The doors are removed and a sand filter is fitted over the engine intakes. The color scheme is a three-color camouflage of earth tan, medium green, and olive brown. (2) The TV program "The Africans" devoted its first hour to the Rhoseaian war. Excellent views of three Alouettes were shown. All these helicopters had a color scheme consisting of a sand base over which a wavy, olive-brown camouflage was applied. There was no medium green on any of these a/c. Numbers were carried on the tail, but none of the a/c carried a national insignia. In addition to the usual sand filter these three a/c were fitted with a very unusual cover over the exhaust tubes. I've never seen these before. (Editor's note: Could these be a shield to reduce vulnerability to heat-seeking missiles?) (3) Also seen on this TV show was a sand and olive-brown camouflaged Camberra with the "lion" national insignia on its fuselage. Also shown were Hunters and Vampires, but I was not able to catch the camouflage.

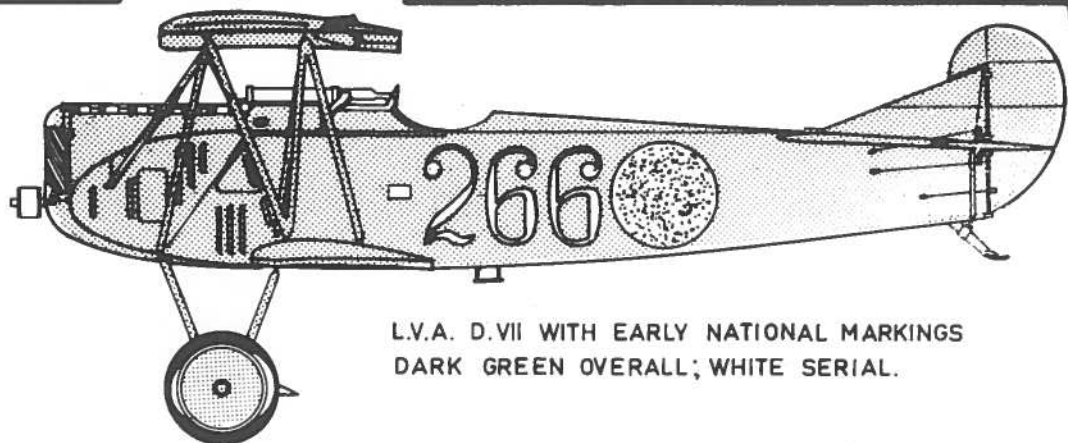
"I would be interested in corresponding with anyone interested in Rhodesian a/c and their camouflage." Steve Forney, 2309 Perry Ct., Claremont, CA 91711.



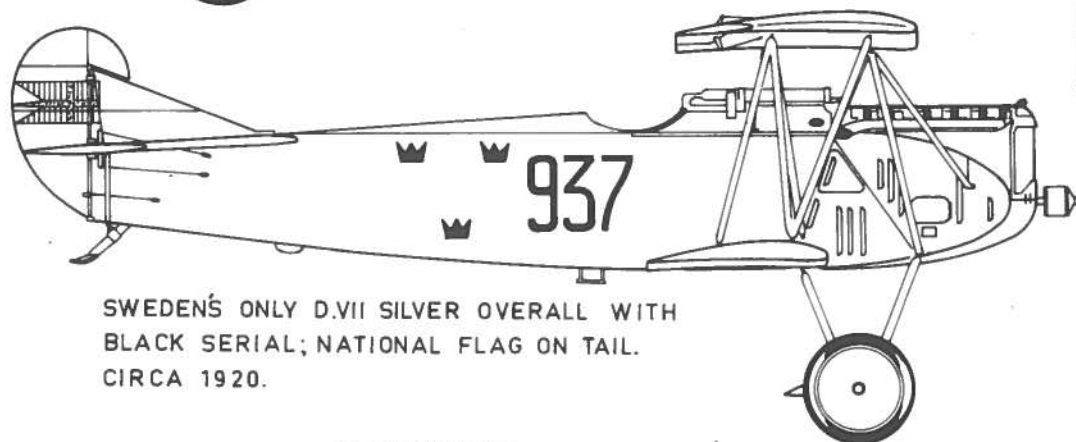
"One of the local model clubs is putting on a regional convention in May and I have reserved a table for myself to display some of my models. I thought it would be a good idea to make a small air forces display with some of the weirder countries represented along with a couple of copies of the SAFO and some applications for the SAFCH. Maybe in this way we can recruit some new members. The last convention had about 250 people attending. I am enclosing \$5 to pay for a couple of issues of the SAFO and for as many applications as you can spare." Joe Turner SAFCH #7

(Editor's note: Joe has a real good idea here. If any of you have the opportunity to promote the SAFCH in a similar fashion, I can send you back issues and information sheets. The back issues are \$1 each and the sheets are free.)

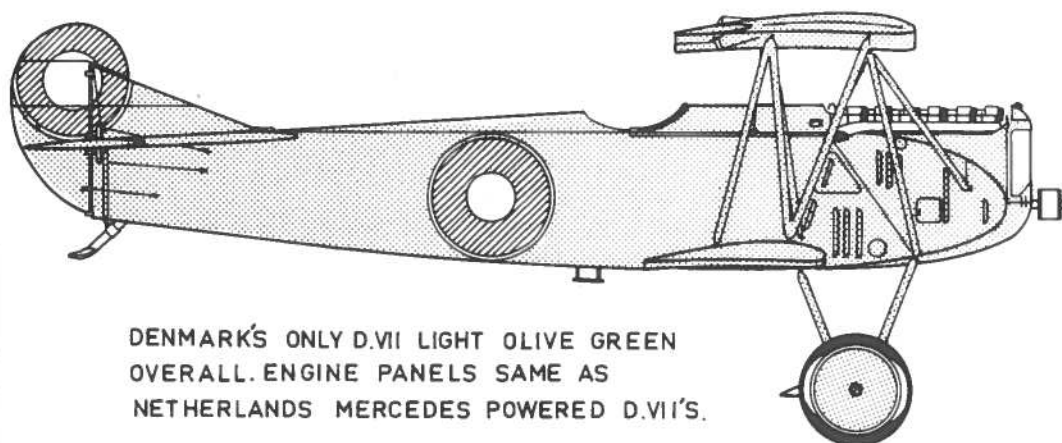
WANTED: Reproducible photos, color schemes and info on the use of the T-6 and its many derivatives for a book proposed for Squadron/Signal Publications and for a subsequent series of articles on the T-6 in small air forces for the SAFO. I am especially interested in T-6 combat usage: Korea, Algeria, New Guinea and the Philippines; and in other uses with small air forces; but will accept materials on all T-6 variants including post-war civil and racing use. All materials returned following publication; and all materials credited upon use. Send photos well packed, labeled on back as to source. All information to: Ned B. Barnett, 3501 Hill Springs Dr. Lexington, SC 29072.



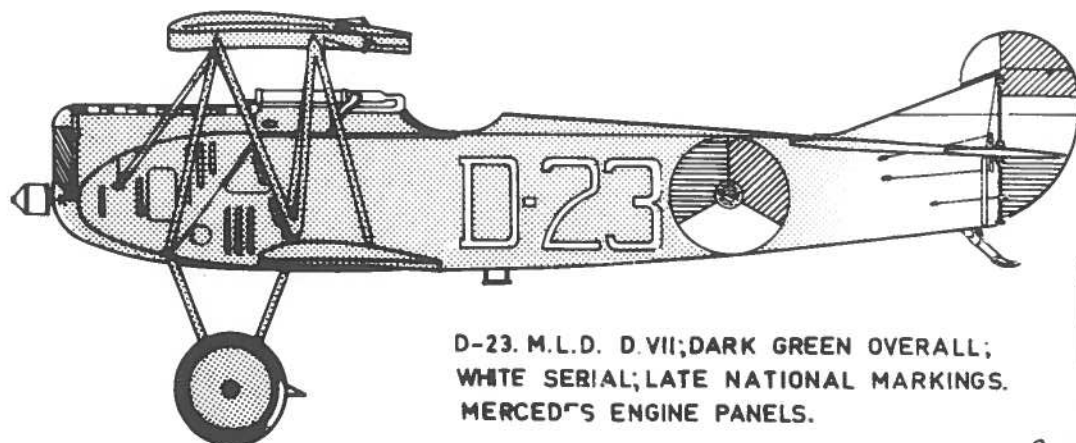
L.V.A. D.VII WITH EARLY NATIONAL MARKINGS
DARK GREEN OVERALL; WHITE SERIAL.



SWEDEN'S ONLY D.VII SILVER OVERALL WITH
BLACK SERIAL; NATIONAL FLAG ON TAIL.
CIRCA 1920.



DENMARK'S ONLY D.VII LIGHT OLIVE GREEN
OVERALL. ENGINE PANELS SAME AS
NETHERLANDS MERCEDES POWERED D.VII'S.



D-23. M.L.D. D.VII; DARK GREEN OVERALL;
WHITE SERIAL; LATE NATIONAL MARKINGS.
MERCEDES ENGINE PANELS.

MILITARY AVIATION REVIEW: This monthly magazine is published by Brian Pickering, 16 Sleaford Rd., Cranwell, Sleaford, Lincolnshire, NG34 8BY, England. Issues marked * are now out of print, but all the others were available at the time of writing (Dec. '78). The cost per copy is 60p U.K., 70p Europe (and elsewhere surface mail), £1.00 outside Europe by Airmail inclusive of postage and packing. Although the issues marked * are not available from the publisher they may still be on sale at either of the following shops: Beaumont Aviation Literature, 656, Holloway Rd., London, N19 3PD, England or The Aviation Hobby Shop, 4, Horton Parade, Horton Rd., West Drayton, Middlesex, England.

The details listed below are for black and white photographs appearing in Military Aviation Review. Monthly Photo-Lists are also published from the above address and enquiries should include some sort of return postage.

May 76: Meteor NF.14, F-100D France.
 Jun 76: T-2E Greece; CM-170 Eire; Islander Guyana; J-33 Sweden; Mosquito TR.33 Israel; Lancaster MR.7 France (N).
 *Jul 76: C-130H Israel, Venezuela; L.100 Peru.
 Aug 76: Strikemaster, Skyvan 3M, Wessex HC.3, Hunter FGA.76, AB 205 Oman; Meteor NF.11 France, Belgium; NF.13 Israel; F.27 Algeria; C-54 Spain.
 Sep 76: Vampire FB.4, T-28A, T-34A, T-35A, Chipmunk, T-6, C-47, B-26B Saudi Arabia.
 Oct 76: KC-135F France; Harvard Mk.4, T-33A, RF-84F, F-84F West Germany.
 Nov 76: P-3B Australia, Norway; T-6G Spain; C-119G Italy; C-130H Norway.
 *Dec 76: Harvard Mk.2B Denmark (history of all Danish T-6s).
 *Jan 77: DC-9-30 Italy; Il-14 Albania
 *Feb 77: Andover C.1 New Zealand; H-34 Nicaragua; AB 47G West Germany.
 *Mar 77: Spitfire Mk.9E, HF.9E, PR.11, Meteor F.4, F.8, T.7, NF.11, TT.20, Hunter F.51, T.53 Denmark.
 Apr 77: H-19 Italy (SAR); Oxford Mk.1, Tiger Moth, Auster AOP.6, SV-4B Belgium.
 *May 77: C-130B Jordan; T-17, KZ-7, Super Cub, Chipmunk, Hunter F.4, T-33A Denmark; Heron West Germany.
 *Jun 77: C-130B, Vampire T.55 Rhodesia.
 Jul 77: HU-16A Spain (N); C.212 Nicaragua, Spain; Mirage F.1CG, C-130H Greece; Buffalo Kenya; T-37C Aesas de Portugal; Noratlas Portugal; A-4G, S-2E, Sea King Australia (N); F-5A (Jokers) Norway; UH-1, AH-12 Netherlands (N); Kfir C.2 Israel; SH-3D Iran (N).
 Aug 77: Jaguar S(0).1 Oman; C-130H New Zealand, Saudi Arabia; SF.260W Eire; Wessex Mk.31 Australia (N); HU-16A, RF-84F, P.166M Italy.
 Sep 77: C-130H Argentina, Belgium; Sea King Mk.41 Norway.
 Oct 77: T-2E Greece; SF.260W Comores; J-29F, AB 204B, P.149, Vampire T.55, L-20A, L-19A, Skyvan 3M, Saab 105, 91D, Alouette II, III Austria; KC-130H Saudi Arabia: C-47 Ethiopia.
 Nov 77: C.121 Nicaragua; F.27MR Peru (N).
 *Dec 77: An-26 Peru; F-100F, F-100D Denmark; Lightning T.55 Saudi Arabia; RF-104G Italy.
 *Jan 78: C-119G, C-119J, HH-3F Italy; C-47A, Chipmunk Denmark; C-47, P-51D, Vampire FB.31 Australia.
 *Feb 78: C-130H Philippines; Cherokee, J-35S, Saab 91, Mi-8 Finland; T-34C Morocco; Camberra T.11, Kl 35, Vampire FB.5, T.11, T-6, Pembroke C.52, J-32B, J-29 Sweden.
 *Mar 78: C-119G Italy; L-18C West Germany.
 *Apr 78: F.27MR Peru (N); Boeing 707 Israel; F.28 Colombia; F-104G, RF-104G, F-104S, G.91R, G.91T, G.91Y, PD-808, HU-16A, T-33A, AB 47J, AB 204B, Atlantic Italy; F-100D, T-33A France; Yak-23, Mi-4, Il-14, MiG-15 Rumania.
 May 78: C-47 Comores; C-130A, Canberra B.2, SP-2H Australia; T-33A, Twin Comanche, C.10C, F-104G, F-4C(S), KC-97L, SF-5B Spain; T-34C Indonesia.
 Jun 78: Mirage F.1 Morocco; C-47 Spain; CF-5A Canada; Meteor F.4, T.7, F.8 Netherlands; Meteor F.8, T.7, F-86D, Tiger Moth, RF-84F, F-84G, T-6G, PBV-5A, PBV-6A, C-54D Denmark; UH-1 Peru; DC-6 Mexico; Sycamore West Germany.
 Jul 78: HU-16E Philippines; C-47 South Africa; T-33AN, CF-100 Canada.
 Aug 78: G.91R, PV-2, P2V-5 Portugal; Andover C.L, Strike-

master New Zealand; SF.260W, Alouette III, Chipmunk, CM-170, C.172FR, Dove, Magister, Anson C.19, Provost, Vampire T.55, Spitfire T.9 Eire.
 Sep 78: T-34C Argentina (N); Super Cub West Germany; SF.260W Tunisia; CW-22, F-84G, F-84F Turkey; C.212 Portugal; RF-84F, Spitfire PR.11, RF-5A, CF-104G Norway; C-130H Italy; T-33A France.
 Oct 78: C-130H Portugal; HU-16A, P.166M, HH-3F, AB 205B Italy; F-5E, F-5F, Venom FB.4 Switzerland; Saab 105 Austria.
 Nov 78: C.212 Chile (A); Spitfire Mk.11, Mk.9C Netherlands; Marinett TT.1 France; RF-84F, F-86D, H-19D, Vampire F.3 Norway.

Dec 78 Photos: Guatemala DC-6. "Spanish Notes" - photos: CL-215, T-6, F.1, CH-47, Alouette III, AB-205, AB-206, HU-16A, Ju-52, HA 1112M1L, TAV-8A.

Compiled by M.A. Burton (SAFCH #303)

DE VLIEGENDE HOLLANDER. The official magazine of the Dutch Air Force. so it contains much information on internal affairs such as "General X visits Hawk sites" or "X Sqn. logged 100,000 hours". Occasionally they publish an article of general interest with color pictures.
 Jan 79 - Article about SPOTTERS! (I think taking pictures is OK now.)
 Feb 79 - Color photos of Dutch NF-5A K-3058 and F-27 C-10. B&W photos of SVAF O-1 65-12911; Belgium F-16B FB-01 & Alpha Jet AT-01.
 Mar 79 - Color photo Swiss Ju-52/3m A-702. B&W photos of Swiss Mirage J-2318 & c-3605 C-494; Belgium F-16 FA-01.

FLASH. A magazine mainly devoted to serials, fates, codec and so on of European operated Western a/c, including UK and USA. Many B&W photos, sometimes even of non-European a/c.
 Jan 79 - Photos of Pakistani SA330 1408 & 1406; ex-Haiti A.F. T-28 1242; Irish Magister 219, Dove 176, Cessna 172 210, Alouette III 213, Magister 220, SF260 222, Provost 166. Miles Magsiter 34, Anson 141, Provost 183, King Air 20C EI-BCY & 234.
 Feb 79 - Photos of Dutch F-104G D-8091 marked KLu 65+; Belgium F-84F's BA03 and BA06 (these F-84F's are carrying Mirage serials), Pembroke RM7, Alpha Jet AT2; Libyan Chinook LC-011; Peruvian Navy F-27 AE-561.
 It is not easy to tell exactly what articles FLASH will publish. They publish news and small articles, about ever changing subjects. Mainly they deal with current a/c, so not much history.

HERKENNING. Bi-monthly magazine devoted to recognition of NATO and Warschau-Pakt a/c, ships, and army equipment. Occasionally articles about a general subject (e.g., the aviation industry of France).
 Jan 79 - Canadian Armed Forces serial system. Photos of Indonesian Mil M-4, Gannet, Harvard, and Mustang (taken by SAFCH member Ben Marselis).
 Mar 79 - Photos of Thai A.F. Bronco; West German Bronco marked 55394 (!); IIAF Chinook 5-4056; Portugese CASA 212 6511.
 All photos are in B&W.

BRITISH AVIATION REVIEW. A magazine mainly devoted to serialnumbers of a/c of Great Britain, USA, and occasionally other air forces, as well as many movements on European air bases. Monthly magazine with approx. 10 photos in each issue (and B&W). Additionally, ROUNDEL is published with mainly information about serials, etc. of a/c of British forces.
 Jan 79 - BAR: Photos of RAAF F-111C A8-141; RAN TA-4G N13-154912 & P-3B A9-295; Venezuela A.F. C-123B 1673; SAAF C-47 anonymous; Moroccan MiG-17 02/1-FB wfu.
 ROUNDEL: Photo of Ezer Weissman's Spitfire, serial 57 of IDFAF.
 Feb 79 - BAR: Photos of Moroccan SA330 CN-ARM, MH1521 serial 77 derelict, Aero Commander CN-AHB, MS733 Alcyon serial 39, H-43B 62-5977 derelict; Venezuela King Air 90 GN-7839; Egyptain F-5E 3505 ex 75-0606 (in USA). Articles of interest: Surplus sales from Moroccan A.F., RNZAF

Harvards, Portugese Harvards.

BAR and ROUNDEL can be very useful for collectors of information of small air forces. Some sections of these magazines are devoted to Britain and USA, but still they can contain other information too. For example: Manufacturers in Britain (Wasp, Lynx, Hawk, Islander, etc.); Bangs and PRangs (accidents) all over the world; occasional updating of small air forces strength. For the modeller of a/c, these magazines are useless. All photos are in B&W, unfortunately.

Compiled by Ben Marselis SAFCH #143

AEROSPACIO (In Spanish) Argentine a/c magazine with 60 pages; at US \$3.50 each issue. For subscription info, write: Aerospacio, Paraguay 748, 1057 Buenos Aires, Argentina. Also from Barry Gothard, Nassau House 122, Shaftesbury Ave., London W1V 8HA, England.
 Mar/Apr 76 - Rockwell Commander 500U of Fuerza Aerea Argentina with photos, drawings, & plans.
 May/Jun 76 - Ejercito Argentino Piper Pa-31 Turbo Navajo.
 Jul/Aug 76 - Castaibert no. 2.
 Nov/Dec 76 - Fuerza Aerea Argentina IA-58 Pucara.
 Mar/Apr 77 - Aviacion Naval Argentina S-2F Tracker.
 Jul/Aug 77 - Fuerza Aerea Argentina F-86F-40 Sabre Jet. The Pucara at Le Bourget (with interesting photos). Photos of Argentine A.F. IA-24 Calquin and IA-50 Guarani.
 Sep/Oct 77 - Fuerza Aerea Argentina Ae C-1.
 Nov/Dec 77 - Aer Macchi MB-339. Make a Ae-24 Calquin from the Monogram Mosquito (drawings).
 Jan/Feb 78 - Fuerza Aerea Argentina Bell UH-1H. Photos of Aeroloneas Argentinas new Boeing 727 Advanced.
 Mar/Apr 78 - Aerolineas Argentinas B-747 Jumbo. The Chincul X67 Yellow Bird (an Argentine military trainer). In the Rescue of one HU-16B (with 5 photos of Fuerza Aerea Argentina HU-16 s/n BS-03). Photo of Argentine A.F. Viking 615 (T-2).
 May/Jun 78 - F. Aerieene Belgieenne F-16. Photos of Fuerza Aerea Argentina Pucara, UH-1B, & J-1 Martin Fierro (LV-X56).
 Jul/Aug 78 - Fuerza Aerea Argentina BAC Canberra BMK-62.
 Sep/Oct 78 - The Aero Boero 180RVB.

Compiled by Jorge F. Nunez, SAFCH #395

AIR FAN is a new French publication dealing with military aviation worldwide. The first issue, in November 1978, was entirely in French, but since then English subtitles have been added to the photos. AIR FAN is the French counterpart of AIR INTERNATIONAL - praise indeed.
 Issue 1: The history of Flottille 3F de l'Aeronaval on SB2C Helldivers (10 photos). Mozambique A.F. Nordatlas photograph (C9-ARD). Color photos of FAF F-100D "Sharks-mouth" of E.C. 4/11 Djbouti plus color profile. Su-6 photos and 3 views. Seven photos and article on HSS-1 de l'Aeronaval (7 photos). 25th Anniversary of La Patrouille de France; good photos, some in color, of KARO A.S. (Austrian SAAB 1050), Swallows (Belgium SF-206), Facci Tricolor (Fiat G-91PAN), Asas de Portugal (T-37C), Patrouille Suissi (Swiss Hunters). Last flight of N°158, the last Super Mystere B2 in service. MiG-23 visit to France; good color. 44 pages on plastic kits, 2 of which talk of the HELLER Nordatlas.
 Issue 2: French AF 3/2 Sqn Alsace article; Spitfire to Mirage. FAF Caravelles. FAF Helicopter Sqn. Pumas, etc. (including a white VIP version with blue trim and unit insignia in color). Indo-China War - SBDs, Catalinas, etc. & a FAF Sea Otter. Pt. I of Crusader F8F(FN); good color and drawings. Model section now 64 pages with drawing of Noratlas in FAF camouflage.
 Issue 3: Crusaders Pt. 2. Indo-China Privateers (FAF) 1951. Short history of Flottille 11F with color insignia and drawings Seafire to Etendard (a must from HELLER eventually). Six pages modeling.
 Issue 4: Color photos of Portuguese AF F-86s; very good stuff. French Navy 595 Sqn. - Training Unit Seafires, MS 474, Hellcats, CM 175, Etandards, Alize, & Sea Venom (alias Aquilon). Last part of Indo-China War, Corsairs. FAF Skyraiders; color pictures, drawings - super. Six pages on the HELLER F-86 & how to superdetail it.
 Issue 5: Nord Noroit in detail (4 pages). P2J Neptune; 5 color and 12 b&w photos and drawings. Portugese G-91a

(6 pages - good color). FAF T-6 in Algeria. 6 pages modeling the MiG-23; internal and external detail.
 Issue 6: Vought TA-7, 5 pages, some color. 2nd part Portugese G-91. Luftwaffe T-6, G-91, Magister, & F/RF-4F in color. French Navy Sqns. 95 & 125 - C-54/Neptunes in color in the Antipodes; Daks, Lancs, and Sunderlands too. 3 pages on models (new release time).
 Issue 7: T-33 French Training Sqn.; 8 pages, 7 color & 12 b&w photos - excellent coverage. FAF HSS-1s in Algerian operation. Transport & Liaison in the Antipodes; Transalls, Alouettes, DC-3s, & Noratlas. Marking & camouflage of French Navy HSS-1s '59-'79. 6 pages on modeling again, MONOGRAM's C-47 this time.

Compiled by Graham Turner SAFCH #424

PLASTIC AIRCRAFT MODELLING

Oct/Dec 73 - D.H. Sea Venom (P with detail shots); A.W. Albermarle (drawing of cockpit interior); Revell Bf-109E to 109E-4B/Trop (A); Handley page 0/400 (A with drawings); Zlin 22 (scale drawing); Britten Norman 3 (scale drawing); Me 110 (cockpit drawing); Detail photos of Lockheed Orion, F-104, SAAB J35 Draken, Grumman S-2G Tracker, Fiat G91, Starlifter.
 Jan/Mar 74 - Heinkel He111-H8 (cockpit drawing); Blenheim Mk I (cockpit drawing); Antonov ANT 25 (scale drawing); French AF Noratlas (P); Fairchild 71 (scale drawing); Miscellaneous Moths (conversion details and Finnish AF (?) Moth floats).
 Apr/Jun 74 - F-84F Thunderstreak (P of interior and exterior details); Gloster Gladiator (a with cockpit drawing); Jaguar-E of Esc 1/7 French AF (P and drawings); Ju87 Stuka (cockpit drawing); C-130 (P of Belgium (?) and Argentine aircraft).
 Jul/Sep 74 - Canadian AF T-33AN Silver Star (P and a); Havoc/Boston (scale drawings); Islander/Defender (P with side view drawing of Ghana AF a/c); MiG-17F (kit conversion); Canadian AF T-33 (detail P).
 Oct/Dec 79 - Spad 7 and Junkers JI of Canadian National Aeronautical Collection (P); F8F-2 Bearcat (scale drawing); MB326K (P); Alpha Jet (P); Hunting/BAC Provosts (A and P of Provost T1).
 Jan/Mar 75 - Avro Lancaster (detail P); Fokker F-27M of Nigerian AF (P); Brewster Buffalo (scale drawing); Short Skyvan (P of Singapore Air Defence Command a/c and drawings of Singapore and Austrian a/c); Hawker Sea Fury (A and P with cockpit drawing); MiG-21MF (drawings and P of Russian AF a/c).
 Apr/Jun 75 - B-N Islander (cockpit P); Martin B-26 Ma-rauder (A with interior drawings and scale drawing of a/c of 21 Sqn. South African AF); Mitsubishi XT-2 (scale drawing).
 Jul/Sep 75 - N.A. Harvard RCAF (drawings); Hawker Hunter Family (modelling A with P); Turkish AF F-100D (A with drawings).
 Jul/Sep 76 - Modelling Suez Crisis Aircraft (A with P and drawings including French F4U-7D and F-84F); CAC CA-13 Boomerang (A with P and scale drawing); Finnish AF J35BS and Sk35C Drakens (drawings); Alpha Jet (P of cockpit).
 Apr/Jun 77 - Seversky P-35 and SAAB37 Viggen (colour P); Hunting Provost I (detail P); SAAB37 Viggen (detail drawing); Gloster and A.W. Meteors (A with P plus drawings).
 Jul/Sep 77 - Luftwaffe Fighter Camouflage - A New Concept (A with P); A-10 Thunderbolt II (A with P and scale drawings); Gloster and A.W. Meteors (A plus P and drawings); Short Sunderland V of the RAF Museum (detail P).
 Oct/Dec 77 - Modelling the Bristol Beaufighter Variants (Indepth A with P and drawings); Improving the Hasagawa MiG-25 Foxbat (A and drawings).
 Jan/Feb 78 - Hawker Typhoon (Indepth modelling A with P and drawings); Belgium AF Magister "Les Diables Rouges" (drawings); Airspeed Envoy (scale drawing); RAF/Russian Hurricanes (A with drawings); CASA Mosca - The I-16 in Spanish Republican Service (A with drawings).
 Mar/Apr 78 - Grumman E-2C Hawkeye (detail P); Norwegian and Belgium F-104s (P); The Curtiss Hawk Fighters Part 1 - P-36, XP-42, P-40 (A and P).
 Jun/Jul 78 - Interim detail P of S.A. Bulldog, BAC Jet Provost, H.S. Dominie 125, DHC Chipmunk, and Martin Baker MkIV ejector seat; NATO Ordnance Colours (letter); RAF/Russian Hurricanes - details of (letter).

Aug/Sep 78 - P-51 Mustang (Indepth A with P and drawings); Ejector Seats in Scale (Indepth A with P and drawings); Fiat CR42 (Indepth A with P and drawings including colour photo of Swedish a/c).

Oct/Nov 78 - Monogram F-15 Eagle (Indepth review with drawings); Pfalz DIII (Indepth A with P and drawings); Cessna T-37C/AT-37C (Indepth A with P and drawings).

Dec/Jan 79 - Cessna O-1/O-2 (Indepth with P and drawings); Panavia Tornado (Indept etc.); Fokker DVII (Indepth etc.); F-15 Eagle airbrake modifications (a).

Feb 79 - BAC Jet Provost Pt. 1 (Indepth etc); Sopwith F1 Camel Pt. 1 (Indepth etc.); Fairey Barracuda (Indepth etc.); The Curtiss Hawk Fighters Part II P-40E - P-40N (Indepth etc.); Noratlas (a with detail P); P-51A Mustangs (letter).

Mar 79 - Fairey Firefly I (Indepth etc. including Thai AF); BAC Jet Provost Family Pt. 2 (Indepth etc.); Sultan of Oman Hunters (Indepth etc.); Lockheed S-3A Viking (a with detail P).

Apr/May 79 - Dassault Mirage F1 (a with detail P); RAF Australian Spitfires (Indepth etc.); Sopwith Camel Pt. 2 The 2-seat versions (Indepth etc.); Cievra C.30A Autogyro (Indepth etc.).

Jun 79 - P-51A (letter0; British Aerospace Hawk (Indepth etc.); Stuka (Indepth modelling A with drawings); Iraqi Air Force 1941 (A with drawings of Iraqi Breda BA65bis, Hawker Nisr, DH84 Dragon, SM-79B, Hell-H-6, Bf110D-3); Boeing B-17 interior and exterior colours; OV-10A Bronco (Indepth modelling A); Tupolev SB-2 (Indepth review of Novo/Frog kit with details).

SCALE AIRCRAFT MODELLING

Oct 78 - Grumman F-14 Tomcat (A with P's mainly of US Navy a/c but with undercart and intake close-ups, plus cockpit drawings. Also camouflage drawing of Imp. Iran A.F. a/c); Lockheed Ventura (A dealing with vacuform kit with photos. Side-view drawings of RNZAF PV-1, RAAF B-34, and SAAF Ventura V).

Nov 78 - Sepecat Jaguar (A with P's of French A.F. and Sultan of Oman A.F. a/c and undercart close-ups. Also camouflage drawings of French A.F. and Navy and S.O.A.F. a/c); N.A. F-100F Super Sabre (A dealing with conversion of 1/72 scale model, but includes photos of cockpit. Mainly USAF a/c but with 1/72 scale plans and ejector seat detail).

Dec 78 - Nothing directly relating to small air forces but large article and photos/drawings of Fairchild A-10 Thunderbolt II).

Jan 79 - Mirage F1 (A with P and drawings of 16 French AF single-seaters, French AF 2-seater, Spanish AF, Greek AF single-seater, 2 South African single-seaters, Kuwait AF 2-seater, Kuwait AF single-seater and one 2-seater and one single-seater in French markings but camouflaged indicating export to Libyan AF); Westland Wasp (conversion A with scale drawings and side-views of South African Navy, RNZ Navy, & RNeth Navy a/c) That Lozenge Pattern (indepth A with drawings of Pfalz DXII); Kingfisher of Australian Antarctic Expedition. Colour side-views of Spanish, French, and South African Mirage F.1s.

Feb 79 - Lockheed S-3A Viking (A with P and drawings including interior; Article on modeling natural metal finish; Spanish AF Henschel Hs123).

Mar 79 - Single-seat RAF Meteors (A with drawings and P); Sea King conversion article with P and drawings of RAN and R.Norwegian Navy a/c; A closer look at colour (1) US Army Air Corps 1941-43 (indepth A colour/paint); A/C transferred from Dutch East Indies AF to RAAF in WWII.

Apr 79 - Northrop F-5 series (A with P and drawings of Philippine AF, Taiwan AF, Turkish AF, R. Libyan AF, Thai AF, Norwegian AF, Greek AF, Spanish AF, South Vietnam AF, Canadian AF, Netherlands AF F-5As; and Jordanian AF, Ethiopian AF, Iranian AF, Saudi AF, Malaysian AF, Chilean AF, Taiwan AF, Brazilian AF, Swiss AF, Korean AF F-5Es); When is Grey not a Grey (indepth colour/paint article); West German Marine F-104 (letter); Colour P of Norwegian and Dutch F-5A and colour side-views of Greek and Dutch F-5A.

May 79 - Fiat G91 family (A with P and drawings of 8 Italian AF G91-R, 2 IAF G91-T, 6 West German AF G91-R, 3 West German G91-T, 2 Portuguese AF G91-R, 1 Greek

G91-R, 3 IAF G91Y): Modern A/C Cockpit Colours (details for painting 51 a/c interiors); A Closer Look at Colour 2) US Navy and Marine Corps 1941-44 (indept colour/paint article); Polikarpov I-16 ski undercarriage detail (letter); color P IAF G91Y and West German G91-R and colour side-views of IAF G91Y and West German G91-R and IAF G91-T.

Jun 79 - Grumman HU-16 Albatross (A with P and drawings of Philippine AF, Argentine AF, West German Navy, Japanese MSDF, Brazilian AF, Italian AF, Taiwan AF, Spanish AF, Canadian AF, Norwegian AF, and Greek AF a/c).

SCALE MODELS

July 78 - Beech Staggerwing (letter); RNZAF Camouflage & Markings (letter); RAAF Boston/Havoc (letter); Focke Wulf Fighter Part 3 (A with P's and plans plus color illustrations); Albatros 2 seaters of WWI - Part 1 Albatros Bl (A with P's and plans); Dutch Army Air Corps Fokker G-1 (small P).

Aug 78 - Focke Wulf FW 190 (letter); Monogram B-25 (A and P's mainly dealing with kit but P's of USAAF a/c give close-ups of guns and undercarriage); Focke Wulf Fighter - Part 4 (A with P's and Plans); Me 323 (Kit review with P & side view drawings - Luftwaffe only).

Sep 78 - Douglas A-20 (letter); Albatros 2 seaters of WWI - Part 2 Albatros B II (A with P's & Plans); Dornier Do 24 (Kit review with P's and color drawings - all Luftwaffe); F-15 Eagle (P's of air intakes/wing root and missiles).

Oct 78 - F-86F cockpit colors (letter); Griffon engined Spitfires - Part 1 (A with P's and Plans); Buccaneer (A with P's of wing root, nose gear and ejector seats).

Nov 78 - Luftwaffe WWII colors (letter); Griffon engined Spitfires - Part 2 (A with P's and Plans); Albatros 2 seaters of WWI - Part 3 Albatros B III (A with P's and Plans).

Dec 78 - SAAB 37 Viggen (Kit review, color photos and camouflage drawings); Messerschmitt 109G (kit review with P's and drawing of 109G-10 R.Hungarian A.F.).

Jan 79 - Piper L-4H Cub (kit review with P's and drawings); WWI German a/c - Pfalz D III & D XII (P); Albatros 2 seaters of WWI - Part 4 Albatros C I (A with P's and Plans); French Navy F-8 Crusader (P); R.Nor.A.F. NF-5B (P).

Feb 79 - Anatomy of a Warplane - Me210/410 (A with P and scale drawings).

Mar 79 - Anatomy of a Warplane - Me210/410 (A with P and drawings); Albatros 2-seaters of WWI - CIII (A with P & scale drawings); Warpaint - Hawker Hunter (A with P of Hunters with Singapore Air Defence Command and Jordanian AF; colour side-views of Hunter with Kuwait AF and Singapore Air Defence Command).

Apr 79 - D.H. Mosquito dimensions (letter); Kris-Air C-46 Commando (Article on civil Malaysian airliner but with interior P and exterior detail P).

May 79 - Albatros 2-seaters of WWI - CV/16 (A with P and scale drawings); Finnish AF Douglas DC-3 (P); Fiesler Fi-156C Storch (Article on Hasagawa kit but with interior details and P of Swedish AF Storch); Warpaint - Fokker EV (A with P and colour drawings including Polish AF EV).

Jun 79 - Me262 (Review of Monogram kit but with colour plates and drawings); The Hispano 20mm a/c cannon in 1/24 scale (A with scale drawings).

Jul 79 - Supermarine Strarar [Review of Matchbox kit but with P and scale drawing); USCG Sikorsky HH-3 (Conversion article with colour P of interior); Albatros 2-seaters of WWI - CV/17 (A with P and scale drawing).

AIRFIX MAGAZINE

Jun 78 - FW 190A-8 Part 2 (A with Luftwaffe cam. drawings); Finnish A.F. Hansa Brandenburg W.33 (A with P's and Plans).

Jul 78 - Hanover Air Show (A with P's of RFB Fantrainer, Phantom, and Tornado - all West German A.F.); RNZAF Bristol Bl70 Freighter (A with P's).

Aug 78 - R.Danish Navy Alouette III (P); Russian Flying Colours 1911-20 - Part 1 (A with P's of Nieuport IV & Hackel No. 9); Fiat G.91T (kit conversion with scale drawing and color drawing).

Sep 78 - TAC Air 78 (A with P's of Belgium F-104, Mirage 5, Canadian F-104, R.Neth.A.F. F-104, F-5, West German F-104. Phantom); Russian Flying Colours 1911-20 - Part

(a); Taiwan navy Hughes 500MD/ASW (a); Niger AF orders C-130 (a); Swiss AF may buy more F-5E (a); Swedish AF considers Alpha Jet and/or Hawk (a); Dutch Navy Felixstons F.2a (letter); Spanish-built Breguet XIX (a & P). May 79 - Mirage 4000 (P); Canadian AF CP-140 Aurora and DHC Dash 7 (P); Ecuadorean AF Jaguar (P); Yugoslavian Police orders Bell 206 (a); Pakistan AF to buy Mirages (a); Spain to order MBB 105 (a); Japanese Army acquires Bell AH-1 (a); Ecuador AF receives Mirage Fi (a); Australian Government to buy Nomad Search Masters (a); Iranian AF F-14 future (a); Fokker C-15W (A with P); RNorwegian AF Sea King 43 (P).

Jun 79 - West German Navy Tornado (a); Spanish AF orders more C-130 (a); RAAF evaluates Mirage 2000 (a); South African AF considering FMA IA-58 Pucara and Embraer Bandeirante (a); Zaire AF orders Macchi MB.326K (a); Spanish AF fighter shortlist (a); French Musee de l'Air (a with P of Breguet 19, Bernard SAB 191, Dewoitine D.27, Junkers F13, Schreck FBA 17HT-4, Caudron c.109, Caudron C.630 Simoun, Farman F.192, Caudron C.366, Caudron 714R, Kellner-Bechereau E-60, Morane Saulnier MS-230, Polikarpov I-153, Morane Saulnier MS406, Dewoitine D-520C1, Republic P-47D, N.A. P-51D, Hispano HA-1112, Yak-3, FW190-A8, Heinkel He-162, Sud-Ouest SO-6000 Triton, Fiesler Fi-156, Douglas AD-4 Skyraider, Mirage G-8, Super Mystere B2); Cuban Crises: Part 1 "The Bay of Pigs" Operation (A with P of Cuban AF Hawker Sea Fury, Douglas B-26, Curtiss C-46); MBB 105 West German Army (P); Latvian KOD-1 (a with P).

AIRCRAFT ILLUSTRATED

Jun 78 - Indonesia orders Hawks (a); Alpha Jet exports (a); F-16 assembly plans for NATO (a); Italian Air Force Museum (P's of Cant Z.506B, Macchi M.39, Caproni Ca.33, Fiat G.59-4B, Fiat G.49-2, Meridionali Ro.43, Savoia-Marchetti SM.82, Fiat G.46, Piaggio P.150, Caproni Campini CC.2, Aerfer Sagitario, Piaggio P.136L, RF-84F); Sixty Plus One: R.Neth. Naval Air Service (A and P's of SP-2H, Lynx, Wasp, Agusta-Bell UH-1, Fokker S-11, Beech TC-45J, US-2N Tracker); Ex-Spanish A.F. Dakota (P); Israeli DF/AF Lockheed C-130H Hercules (P).

Jul 78 - Eskadrille Exchange: R.Danish A.F./RAF Exchange (A and P's, one in color, of RDAF F-104's); Hanover Show 1978 (P's of West German Tornado, Alpha Jet, & Pantrainer); R.Norwegian A.F. Northrop F-5's (P).

Aug 78 - Saab Viggen JA-37 orders (a); R.Danish A.F. Navy Alouette III (color P); Westland Sea King cockpit (P); West German F-104 Starfighter (P).

Sep 78 - Mirage export orders (a); Belgium A.F. Alpha Jet flies (a); Tactical Air Meet '78 (A with P's of West German A.F. Phantom, R.Neth.A.F. Starfighter, NF-5A (color) Canadian A.F. F-104 (color), Belgium Mirage 5 (color), F-104, West German F-104); Imp. Iran. A.F. Boeing 747 tanker (P); Japan A.F. orders P-3C Orion and F-15 Eagle (a); Samuraj Squadron (P's of Japan A.F. F-104, F-86F, F-4, Kawasaki KV-107, C-1, P2V-7); Best Focus '78 (A with P's of R.Dan.A.F. RF-35 Draken, R.Nor.A.F. RF-5A); French A.F. Mirage F.1 (P); West German Navy Dornier Do 28 (P).

Oct 78 - Norway orders Lynx (a); Flugtag Ramstein '78 (p's of Italian A.F. Aeritalia G.222, R.Nor.A.F. TF-104G, Italian A.F. Fiat G.91Y); R.Neth.A.F. F-104 (P).

Nov 78 - French A.F. Mirage F.1 (P); Egypt to build Alpha Jet (a); Farnborough International '78 (A with P's of Argentine A.F. FMA IA-58 Pucara, West German A.F. Alpha Jet, Italian Army Agusta A.109T); Farnborough Flying Display (A with P's of Italian A.F. Aeritalia G.222, French Mirage 2000 (color), Brazilian A.F. EMB.111 Bandeirante (color)); Colours of Farnborough (A with P's of Brazilian A.F. EMB.111 Bandeirante, French A.F. Mirage F.1, Spanish CASA C-101 Aviojet, and unmarked camouflaged DHC-5D Buffalo); French A.F. Jaguar (P).

Dec 78 - India selects Jaguar and orders Harriers (a); French Navy receives Lynx (a); MiG Meet in Finland (A with P's of MiG-23 (color) and Finnish A.F. MiG-21F and MiG-21UM); Ex-French A.F. F-100 (P); Portuguese A.F. Aerobatic Team Cessna T-37C (P); French A.F. Air Force College Noratlas (P).

Jan 79 - RNZAF may purchase Fokker F27 (a); new engines for Lynx for Norway and Netherlands (a); repainting RAAF Lancaster (A and P); Boeing KC-135 cockpit (P); "William

Tell" Fighter Meet with P of CAF CF16LB Voodoos (A & P); Spanish Air Power Anniversary (A and P of Mirage IIIE colour, Mirage FlCE, AV8A Matador, HA220 Super Saeta, CASA 207 Azor, F-104, F-86, F-4C, RF-5A); article with notes on Brazilian, Argentine, Netherlands, and Qatar Police Lynx, Indian Jaguar, and B.Ae. Strikemasters. Feb 79 - Restored Zero at Chino, CA (colour P); Sweden Scraps B3LA (a); France to develop own AWACS system Airbus A300 (a); Netherlands to buy P-3C Orions (a); Greek AF F-104 Starfighter (P); Bristol Blenheim (colour P, RAF Museum a/c, closeup of engine/nose area). Mar 79 - Japanese AF Mitsubishi T2 (colour P); French Naval Alize updated (a); French Army orders Gazelles (a); Sea King cockpit (P); Paravia Tornados (colour P); Extra dark sea grey camouflage colour (A and P). Apr 79 - Norway orders more Lynx (a); French interest in B.Ae. (HS) 748 Coastguarder (a); Lockheed CP140-P-3C for Canadian AF rolled out (a); Nigerian AF orders Alpha Jets and C-130s (a); UK Air Museums (P of SAAB J29F & French F-100D); Indian AF Gnat (a & P). May 79 - French Alphs Jet build up (a); French AF orders Mirage FlR (a); Mirage 4000 prototype (P); Turkish Army buys Citabria (a); R.Neth.A.F. (a and P of Meteor T.7); Portuguese AF Cessna T-37 of acrobatic team (P); Swiss AF Mirage IIIS (colour P); Belgium Army Museum (a and P of Meteor F.8, F-84F, Harriot HD.1, Avro (Canada) CF-100, Airspeed Oxford, Hurricane, Stampe SV4bis, Harvard); Indian AF Jaguars (part of article). Jun 79 - Mirage 2000 (a and colour P); RNeth Navy orders P-3C Orions (a); Malaysia to buy Skyhawks from Israel (a); Niger Sky Servants handed over (a); DHC Dash 7 cockpit interior (P and drawing); Canadian AF Dash 7 (P); Belgium AF Alpha Jet in service (a & P of SIAT-Marchetti SF260MB, Lockheed T-33A & Alpha Jet); B.Ae. Andover cockpit (P); Canadian AF Lockheed CP140 Aurora rollout (a with colour P); Venezuelan National Guard IAI Arava (P). Jul 79 - First R.Neth.A.F. F-16B flies (a); RAAF pilots evaluate Mirage 2000 and F-18 Hornet (a); French AF Mirage IVA (P); German HOT-missile armed MBB-105 (P); RAN Grumman S-2, Skyhawk, & Sea King at Greenham Common 1978 (P); Swiss AF Hunter (P); Austrian AF aerobatic team Karo As SAAB 105OE at Greenham Common 1978 (colour P). .

(Key: (a)=small article, often only a few lines; (A)=medium to large article; (P)=photo(s).)

Abstracts from PAM to AI compiled by Charles Detheridge
SAFCH #283

JP-4 MENSILE di AERONAUTICA (In Italian.)

Oct 77 - Fairchild C-119 of Aeronautica Militare; International Air Tatto. Photos: MB-326K (N.709) Ghana A.F.; Agusta AB-212 (AP716) Zambian A.F.; Indian A.F. An-12 (BL751/U).

Nov 77 - Royal New Zealand A.F. Harvards; Finningley
Air Show; RA-5C (colour drawings). Photos: Turk Hava
Kuvetleri AB-205 (J-3209), Peruvian Navy AB-212ASW
(HE-470).

Dec 77 - An-2 (4 pages) with drawings & photos of USSR, Bulgaria, & Hungary a/c; The Fiat G.50 in Africa; Drawings of Ki.84 Hayate.

Jan 78 - Monograph of Aerinautica Militare's F-84F/RF-84F.
Photo of SAAF AM-3C Bosbok (952).

Apr 78 - Photos: SAAF Merlin IVA (14); Spanish HU-16B (AD-1-B13). Colour drawings of Luftwaffe G-91R (30+6

May 78 - Ansaldo Sopwith (3 pages). Photos: Mexican A.F. Islander; Peruvian A.F. A-37B & An-26; Brazilian Super Magister; Nicaraguan A.F. CASA 212. Color drawings of Fiat G-91 (Part II).

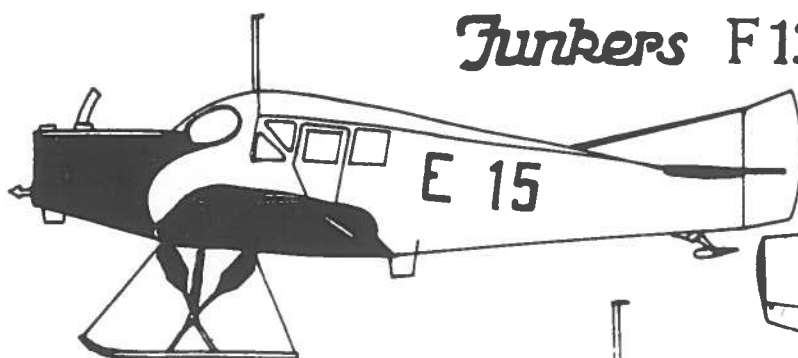
Jun 78 - Blue Eagles Team; The Flying Jokers; Italian a/c with Luftwaffe in WWII (very interesting article of 8 pages with 19 photos); AMI F-104S color schemes.

Photos: Israeli A.F. IAI 201; Greek A.F. Bell 47; Brazilian EMB-111.

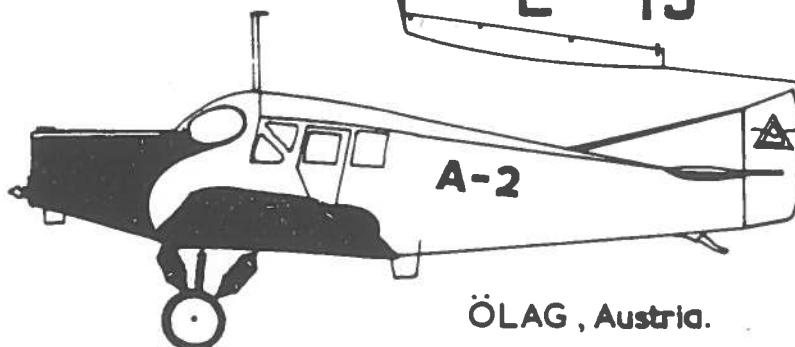
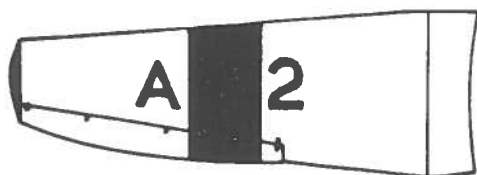
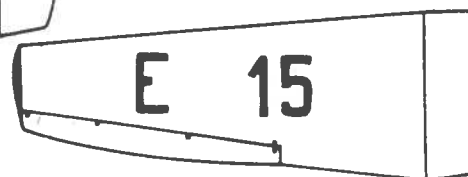
Jul/Aug 78 - Hungary's Italian Fighters, Heinkel He-162
(5 pages) with different configurations and drawings.
Photos: Togo A.F. EMB-326; Papuan Nomad; Columbia AT-33;
Argentine Fiat G.46-2B.

Compiled by Jorge F. Nunez Padin SAFCH #395

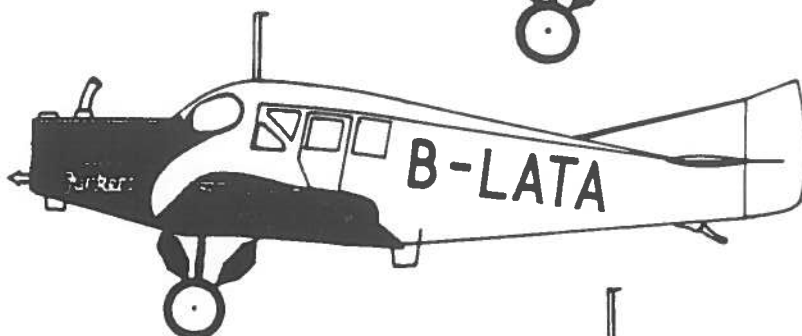
Junkers F 13 1920-1925.



AERONAUT, Estonia.



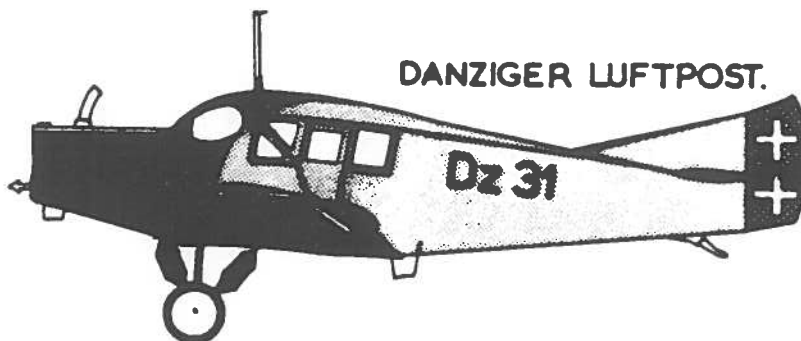
ÖLAG, Austria.



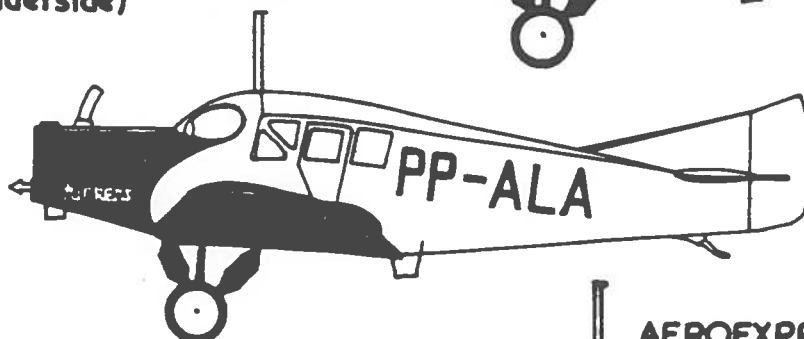
Latvia.



(underside)



DANZIGER LUFTPOST.



AEROLLOYD, Poland.



AEROEXPRESS, Hungary.

(also operated with floats)

Paul Mears SAFCH #270

VNAF

identification requested

THESE EMBLEMS FROM THE FORMER REPUBLIC OF VIET-NAM AIR FORCE REQUIRE PRECISE IDENTIFICATION -OR INFORMATION REGARDING THEIR PLACE IN THE VNAF STRUCTURE



A.



B.



© SIMILAR TO A.: BLUE BACKGROUND WITH WHITE LINES/OUTLINES, BLACK & WHITE EAGLE (OR HAWK) WITH RED EYE. THE GEAR-WHEEL IS GREY AND THE NUMERALS ARE YELLOW. BESIDES "43" OTHER NUMBERS SEEN INCLUDE 41, 51, 53, 72, 74, AND 84, ALL ON THE SAME DESIGN (EITHER SILK-WEAVE OR PRINTED ON CLOTH). AS THE REGULAR SQUADRON DESIGNS FOR "41" AND "74", FOR EXAMPLE, ARE TOTALLY DIFFERENT, WHAT ARE THESE ONES WITH THE GEAR-WHEEL?

Ⓐ THE SERIES UTILIZING THIS DESIGN WAS ONCE DESCRIBED AS BEING THE VNAF EQUIVALENT OF THE CORPS TACTICAL ZONES (I-IX) AND LATER AS AIR DIVISIONS, EXCEPT THERE WERE FIVE AIR DIVISIONS, AND THE NUMBERING ON THIS SERIES GOES UP TO SIX! (THIS DESIGN HAS BEEN WORN ON THE SHOULDER-SLEEVE AS WELL AS ON THE BREAST POCKET OF WORK UNIFORMS.) THERE ARE A GREAT MANY OF THESE, NUMBERED BOTH "I-VI" AND "1-6" IN SILK-WEAVE PROCESS (TWO SIZES) AND MACHINE EMBROIDERED AND EVEN HAND-EMBROIDERED. [THERE IS EVEN ONE NUMBERED "96", LETTERED "THAN-ĐIỀU" ACROSS THE TOP, WITH "LIÊN ĐỘI ĐÀN ĐỘI 953" REPLACING THE WORDING ON THE BOTTOM SCROLL.]

THE BASIC SILK PATCH HAS A BLACK EAGLE WITH WHITE DETAILS AND OUTLINES, YELLOW BEAK, & RED EYE. THE GREY BACK HAS BLACK & WHITE DESIGN. BACKGROUND IS BLUE WITH WHITE GRID-LINES. WHITE ALSO FORMS OUTLINE TO RED NUMERAL AND SHIELD & SCROLL (WITH BLACK OUTER BORDER). LETTERING IS IN YELLOW. [OTHER METHODS OF MANUFACTURE CAN OMIT SOME OF THE OUTLINES, OR TRANSPOSE COLORS OF EYE AND BEAK, ETC.]

Ⓑ THIS UNUSUALLY ATTRACTIVE SILK-WEAVE PATCH IS ON A MEDIUM BLUE BACKGROUND WITH A WHITE BORDER. THE HUMMINGBIRD IS BLACK AND ORANGE, WITH AREAS IN YELLOW AND WHITE. THE BLACK STRUCTURE RESEMBLES THE VIET-NAMESE ENGINEERS "CASTLE" EMBLEM. THE HUMMINGBIRD COULD SYMBOLIZE A HELICOPTER UNIT, PERHAPS, AS THERE EXISTS A SERIES OF CIRCULAR UNIT DESIGNS, WITH A DIFFERENT PATTERN HUMMINGBIRD.

★ PLEASE CONTACT S.A.F.C.H. — or TED KOPPEL ★
safo / small airforces collector

